

Bernard Barham Woodward Librarian, 1881–1920



Basil Harrington Soulsby Librarian, 1920–1930



Charles Davies Sherborn Bibliographer, 1888–1942



Alexander Cockburn Townsend, o.B.E. Librarian, 1930–1964

A SHORT HISTORY OF THE LIBRARIES AND LIST OF MANUSCRIPTS AND ORIGINAL DRAW-INGS IN THE BRITISH MUSEUM (NATURAL HISTORY)

BY FREDERICK C. SAWYER

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TRUSTEES OF
THE BRITISH MUSEUM (NATURAL HISTORY)



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The 220 years of the life of the British Museum may, for convenience, be divided into three periods: that from its foundation in 1753 to 1830 at Montagu House, once standing on the forecourt of the present Museum; the half century from 1830 to 1880 ending with the transfer of the Natural History Collections to South Kensington; the third period covering the ninety years to the present.

The history of the Library of the British Museum (Natural History), or more colloquially, the Natural History Museum, belongs almost exclusively to the last period. The transfer from Bloomsbury in 1880 was preceded by two most surprising anomalies. The first was the failure to give space to a Library in the new building to replace that at Bloomsbury. The architect's plan, approved by the Trustees and by the Keepers a dozen years before, provided Departmental Libraries, but as the detailed plans developed these disappeared and authority was too divided to restore them. The second anomaly was the principle accepted by the Trustees that no scientific literature could leave Bloomsbury that could be claimed to have fallen under the terms of the original Trust unless explicitly by Act of Parliament such as that of 1878 which permitted the removal of the Natural History Collections.

The ban included one of the most famous of all natural history libraries, that bequeathed by Sir Joseph Banks on his death in 1820. When this came into the

Museum in 1827, as a part of the Botanical Branch, it was understood that the Keeper of the Banksian Botanical Collections should have exclusive care of the library, manuscripts and drawings, but the Law Officers of the Crown, to whom the case for transferring the Banksian Library to South Kensington was referred in 1882, were of the opinion that the Trustees of the British Museum were prohibited by their Act of Incorporation from removing the Banksian Library from that building to South Kensington.

That the ban should include the library of the Hans Sloane Collection of 1753, which brought the British Museum into being, was perhaps natural. But certain volumes which had found a permanent home in the Natural History Departments were seen as having become a part of the Collections and were allowed to go.

The other books which accompanied the Collections to South Kensington were a small number which a succession of Keepers in the course of 130 years had caused to be purchased for their own use. The records for the first hundred years or so of this period are obscure, but the Trustees' Minutes sanction the purchase from time to time of some work or another.

From 1840, under the Keepership of John Edward Gray (1800–1875), the virtual founder of the Zoological Collections, the collection had doubled and re-doubled. There was an increase in staff and in catalogue making, but the reorganization of the main library at Bloomsbury at that time did not ease the borrowing of books by the Branches. Therefore in 1845–1847 the Natural History Branches (as they were called) of Botany, Mineralogy and Zoology, were each granted an annual sum of £25 for their special needs, especially for works of reference.

Thus up to 1880, the Departments of Natural History at Bloomsbury had, with the exceptions stated, been entirely dependent on the main library for the loan and for the purchase of books. The collection of books which arrived in the new museum at South Kensington as a foundation for the Libraries there, was therefore, in all conscience, small enough. A Catalogue of Books in the Department of Zoology, published in 1880, shows 1,872 titles of books and 140 separate periodicals. There were only 70 works of a date older than 1801. The Mineral Department catalogue listed 1,129 titles of books and 48 periodicals. The Libraries of the Natural History Museum had, therefore, virtually to start from nothing.

This lack of provision whether for proper accommodation for a library or for books was not due to want of protest on the part of the Keepers. From 1873 onwards, Albert Günther, who was shortly to succeed J. E. Gray, continually pressed the claims of both. Eventually a year before the move, the Treasury sanctioned grants for book purchase: £5,700 for the year 1879/80, and £5,000 a year for each of the next five years.²

¹ Some of these are of great interest. Sir Hans Sloane's copy of John Ray's Historia Plantarum was kept by the Department of Botany. The Trustees were making grants for special works as early as 1814, but it is not known what these were. Seventeen volumes of John Abbot's water colour drawings of insects of Georgia, purchased in 1818 remained with the Zoological Branch. Following the Select Committee Report of 1836 there may well have been an increase in the printed books specially purchased for retention by the Zoological Branch, and in 1842, one of the first of these was Henri Milne Edwards' Historic Naturelle des Crustacés.

² Because no space had been allocated to the General Library, it had to be housed in what was in effect a communicating corridor on the eastern side of the Main Hall, and there it remained for the next seventy-

Before the move from Bloomsbury the Trustees had passed a special resolution that the new museum should have a General Library which should hold works common to more than one Department's interests. This was placed under the supervision of a Committee of the four Keepers, and to it was appointed an Assistant in Charge. Administratively the General Library was to be independent of the Departments, as the Departmental Libraries were to be independent of the central library. Until 1884, when the Director, Sir William Flower, took personal responsibility for the General Library, the Keepers were concerned both with it and their own libraries. Their influence was important, and their names merit record: W. Carruthers (Botany), L. Fletcher (Mineralogy), A. Günther (Zoology), and H. Woodward (Geology).

The Assistant in Charge appointed to the General Library was Bernard Barham Woodward (1853–1930), the first qualified librarian to join the Museum. He had served in the Department of Printed Books at Bloomsbury since 1876 and was transferred to the Natural History Museum in 1881. If a record is needed of his bustling energy and efficiency, a story will illustrate it. B. B. Woodward had a cousin H. B. Woodward, who was employed in the Geological Survey, and to their friends they were known as "Bumble Bee" and "Humble Bee" respectively, names which very truly reflected their personalities.

For the General Library, Woodward co-ordinated the expertise of the Keepers and of their staff with that available outside. For this he co-opted the assistance of Frederick Justen, a member of Dulau & Co., an old established firm of antiquarian booksellers. Justen's wide knowledge of the second-hand book trade in natural history enabled him to comb the markets of Europe for copies of the basic works.

If Woodward was a pioneer in this line of bibliographical work, there is another name that must be coupled with his, that of Charles Davies Sherborn (1861–1942). Born in Chelsea, his formal schooling ended at the age of fourteen when he started work at a bookseller's shop in New Bond Street for a weekly wage of seven shillings. He joined the Geological Department in 1888. His leisure was devoted to extensive reading and study at the Museum of Practical Geology, then located in Jermyn Street, and by determined self-education he became the foremost bibliographer of his time in the field of natural history.

It was about the time when he first began work in the Museum that the germ of the idea of an *Index Animalium*—an alphabetical list of the scientific names applied to all animals since the year 1758—was simmering in Sherborn's mind and after some encouragement from leading naturalists he commenced this stupendous task in July

seven years. The departmental libraries were little better off, the botanical books housed in the East Tower, adjacent to the general herbarium, hore the greatest semblance of a designed library; the palaeontological books had reasonable accommodation in one of the smaller galleries, while mineralogical and zoological books were housed in ground floor rooms in the front east and west wings respectively. In 1909 the Zoology Library was moved from the south-west corridor, to allow for expansion of the Insect Collection, and was installed in what was called the Fish Reserve Gallery on the western side of the Main Hall where it still remains, spreading spasmodically in diverse directions as necessity demands. It was not until 1967, when the former Insect Gallery was added to the accommodation, that reasonable facilities for readers' tables could be provided. In 1959 the General Library had, at last, been able to move into the new North Block to space specifically constructed for library purposes, the botanical books had moved to the West Tower, mineralogical to the East Tower, and palaeontological books to the old General Library accommodation.

1890. Before starting the work it was necessary to compile a list of all the books and periodicals in every European language likely to contain descriptions of new genera or species of living or extinct animals. The value of this list to B. B. Woodward in his search for essential works can be imagined. Sherborn himself would go through booksellers' lists at his breakfast table and if he spotted a rarity the Museum Library needed, would immediately telegraph for it on his own account. In this way something like one thousand items were obtained which might otherwise have been missed. Sherborn's achievement, reflected in the *Index Animalium*, was justly recognised in 1931 when the University of Oxford conferred on him the degree of Doctor of Science, honoris causa.

The following figures will give an idea of the number of books which passed into the Libraries during their first twenty years, the critically formative period of their growth.

For 1884:—General Library, 2,114 volumes added during the year, bringing the total number to 12,034 volumes; Geology, 629 volumes and 302 pamphlets added; Mineralogy, 305 volumes added; Zoology, 2,450 volumes added making just over 10,000 in the department. By the year 1900 the census reveals the holdings as:—General Library, 19,395 volumes and 5,569 sheets of maps; Botany, 14,980 volumes; Geology, 9,395 volumes; Mineralogy, 6,339 volumes, and Zoology, 17,167 volumes.³

It is also interesting to recall the prices paid for some of the early acquisitions compared with current values. Audubon's elephant folio edition of the *Birds of America* was purchased in 1885 from Bernard Quaritch Ltd. for £285; a copy auctioned in London in November 1969 was sold for £90,000. It was also in June 1885 that Bernard Quaritch was explaining to the Keeper of Zoology that £200, which the Keeper considered excessive, was a fair price for eight volumes, in beautiful full leather bindings, of Gould's *Birds of Australia*; in 1968 a copy auctioned in London fetched £5,200. Many other examples would show that during the three decades in which these valuable works were bought, prices were at their lowest point.

Throughout this period the work of cataloguing had of necessity been centralised in the General Library, the author, title, collation and date being typed on a flimsy which was then mounted and filed in the central card catalogue. This became a complete record of all works in the museum. In the year 1903 the first volume of the Catalogue of the Books, Manuscripts, Maps and Drawings, comprising the letters A-D. appeared in print. The fifth and final volume of the main catalogue was published in 1015 and the three volumes of the supplement were issued between 1022 and 1040. Throughout, an extremely high standard of accuracy was maintained and it is generally acknowledged to be one of the finest works of its kind. This quality was achieved primarily by the erudition and care devoted to his task by B. B. Woodward. but the proof sheets besides being checked by the compiler, were sent to another member of the staff for examination. Whether by accident or thoughtful design the man selected by the Keepers was Professor F. Jeffery Bell, a zoologist known to be on unfriendly terms with the librarian and one who delighted in picking up any errors or omissions in the catalogue. By such means something akin to perfection was attained.

³ By 1969, the Museum Libraries' holdings had grown to a total of approx. 400,000 volumes.

At the end of 1920 B. B. Woodward retired from his post with the satisfactory knowledge that during his forty years service at South Kensington, the libraries, from such small beginnings, had become one of the foremost collections of books on natural science in the world. He was succeeded by Basil H. Soulsby (1864-1933), who had served in the Department of Printed Books from 1892 until 1909, when he was transferred to the Natural History Museum and employed in the Director's Office until the library vacancy arose. During his nine years as librarian the steady growth continued, his tenure being marked by the compilation of the Catalogue of the Works of Linnaeus in the British Museum . . . published in 1929. His work on this catalogue resulted in the acquisition of a great number of obscure editions of the famous author and on his retirement in January 1030 the Linnean collection in the museum was. next to that of the University of Uppsala, the most extensive in the world. His successor, Alexander C. Townsend (1905–1964), served from 1930 until his tragic accidental death on the last day of 1964, during which period the regular inflow of books and periodicals continued, interrupted only by the 1939-1945 war and its aftermath. His last few years were heartened by the sight of his beloved books installed in the new library with its spacious reading room, a distinct contrast to the old corridor where anyone consulting the card catalogue or opening a bookcase would block the passage. He in turn has been succeeded by Maldwyn J. Rowlands who brings to his new post wide experience obtained in three national scientific libraries. The end of 1968 saw the publication of a much needed List of Serial Publications in the British Museum (N.H.) Library, comprising 1,164 pages of letterpress with some 12,500 titles of journals available in the museum.

Mention should be made of the system by which the books in the museum are divided among General, Departmental and Sectional libraries. Books and periodicals relating to more than one branch of natural history are held in the General Library, whereas those dealing with a specific branch such as Zoology, Botany etc. are placed in the appropriate departmental library. Since 1948 there has been centralisation of the book purchase grant by which the Museum Librarian is responsible for all purchases although naturally he is guided by the recommendations of the Keepers for works needed by the departments. The departmental libraries are for Botany, Mineralogy, Palaeontology, Zoology and, since 1935, Entomology, when the insect books were removed from the responsibility of the Zoological Department. To greater or lesser extent these departmental libraries are subdivided; in Botany there are sectional libraries devoted to European flora and Cryptogamic plants; in Entomology the books on Coleoptera are kept adjacent to the beetle collections, books on Rhopalocera are on the same floor as the butterfly cabinets, and so on. Palaeontology has responsibility for a sub-departmental library of works relating to anthropology, and Mineralogy for books on chemistry and oceanography. Large collections of topographical, specialist geophysical and oceanographical maps are found in the General and departmental libraries. The zoological books are divided into no less than twenty sectional libraries of varying sizes, the smallest contained in three or four bookcases, the largest comprising several thousand volumes. There are points for and against the centralisation of all books but bearing in mind that the libraries are mainly used by the staff, on balance it seems that this method of subdivision is

more convenient, especially as most of the scientific staff and visiting research workers specialise in one particular field and find it invaluable to have the books they wish to consult adjacent to the specimens they are studying

The method of classifying and shelving books varies in the different departments. The General, Entomological, Palaeontological and Zoological Libraries use, with slight modifications, a system devised by B. B. Woodward about sixty-five years ago and this is sufficiently flexible in most divisions for all the expansion required, and so is found adequate. On the other hand Woodward's original Scheme lacked the finer sub-divisions, but as new knowledge of the phylogeny of living things becomes available, new sub-divisions are introduced in the various classes. The Botanical and Mineralogical Libraries have in recent years changed over to the Universal Decimal Classification. Periodical publications are arranged according to the country of origin, blocks of consecutive numbers having been allotted to the various national divisions of the world.

Another of the Museum's services relates to making available an extensive range of serial publications used in the compilation of the Zoological Record. This was founded by the then Keeper of Zoology in 1864, and was compiled by himself and six others in their spare time. In 1886 the Zoological Society of London assumed responsibility for the issue of future volumes, until 1906, when it was merged with the International Catalogue of Scientific Literature. This arrangement broke down with the outbreak of the first World War; the Zoological Society again resumed responsibility for publication and today employs a number of full time staff searching journals and compiling the entries. It is found convenient to perform this work in the museum libraries because of the extensive range of serial publications received, despite the fact that the museum does not enjoy any privileges under the Copyright Acts. These accessions are obtained by presentation, purchase and exchange. Current periodicals number over 6,500 and the total number of different journals available for consultation is around 13,200. Parts of journals containing articles on any branch of zoology, including fossil forms, are searched immediately after receipt; a slip is written, quoting author, title, reference, and the class of animal with which the paper deals, e.g. Aves, Insecta, Vermes, etc. These slips are passed to the specialist Recorders who in due course examine the papers and insert the entries into the appropriate sections of the "Record". New books are dealt with similarly. In addition, a considerable number of other abstracting and indexing services make use of the Library holdings.

The libraries contain a considerable number of unique works in the form of original drawings and manuscripts. Until recently no separate catalogue of these had been compiled. Those preserved in the museum when the *History of the Collections* was published in 1904 were listed in the section on Libraries. It is now out of print and it seems worth while to republish this list and incorporate details of the numerous collections of drawings and manuscripts acquired during the past sixty-five years. This is now issued as an Appendix to this paper.

It is perhaps appropriate in conclusion to mention some of the major and more notable collections by which the libraries were enriched. Arthur Hay, ninth Marquis of Tweeddale (1824–1878), after a distinguished army career in which he served in

India and the Crimea retired from active service in 1866 and devoted himself to natural history, mainly ornithology. Twenty years earlier he had been publishing descriptions of new birds from the Indian sub-continent and scientific papers appeared from his pen in unbroken succession until the year of his death in 1878. To facilitate his studies he had amassed over the years a magnificient ornithological library containing 2,560 volumes, many of them rare and costly works, and nine years after his death this collection was presented to the Bird Section of the Zoological Department by his nephew, Captain R. G. Wardlaw Ramsay. The next major acquisition was in 1001 when, by Deed of Gift, Lord Walsingham presented his collection of 200,000 specimens of micro-lepidoptera and his library of books relating thereto. Thomas de Grey, sixth Baron Walsingham (1843–1919), had made a life-long study of the microlepidoptera and built up a magnificently bound library of more than 1,000 volumes of entomological periodicals and books. The collections were transferred to the museum in the spring of 1911. The year 1905 saw the addition of another sizeable collection of insect books, namely the Fry bequest. Alexander Fry (1821-1905) was an enthusiastic collector of coleoptera which he augmented by large purchases of important collections. His library of 611 volumes came to the museum as part of the bequest. Three years later C. D. Sherborn (1861–1942) presented to the General Library a valuable collection of specimens of handwriting of naturalists consisting of some 8,000 letters and other documents. This collection has proved invaluable as an aid to the identification of the holograph on collectors' labels. In 1910 Dr. Albert Günther (1830–1914), a former Keeper of Zoology, presented 146 folios of drawings of Chinese fishes made by native artists, under the direction of John Reeves, in the early part of the nineteenth century. The Botanical Library was enriched in 1913 by the acquisition of 11,325 plates and original drawings of plants collected by Isaac Swainson (1746-1812) during his lifetime, and in the same year four volumes of original drawings made for Pieter Cramer's Papillons Exotiques were purchased for the Entomological Department. The personal copies of the works and memoirs of Sir Richard Owen (1804–1802), containing his autograph notes, drawings and other memoranda were presented to the General Library by his daughter-in-law, Mrs. Emily Owen, in 1915. Two most important collections were received in the Zoological Department in 1921; firstly, the library of works on oceanography formed by Sir John Murray (1841–1914) and presented by his son, Mr. J. L. Murray; the research on the Murray collection of ocean-bottom deposits was carried out in the Mineralogical Department of the museum and in 1941 it was decided to transfer the Murray Library to this department: secondly, a fine collection of books on ornithology made by Captain G. E. Shelley (1840-1910) and presented by his widow. Three major acquisitions came to the museum in 1925; 719 volumes of separate works and bound reprints relating to Foraminifera were presented by Edward Heron-Allen (1861–1943). also 100 bound volumes and 1,200 pamphlets on Porifera were presented by Mrs. Ada Dendy, widow of Professor Arthur Dendy (1865–1925). These unique collections on specialised subjects were invaluable for their usefulness to the Sections concerned. The third acquisition in this year comprised a set of 154 original zoological and botanical drawings, many of which constitute the types of the species they represent, painted in Ceylon and the Malay Archipelago by Pieter Cornelis de Bevere during the

years 1754-1757 for Joan Gideon Loten, then Dutch Governor of Ceylon. These are preserved in the General Library.

It was in 1937 that the most extensive and valuable single library to be acquired was donated to the museum. Lionel Walter, second Baron Rothschild (1868–1937), had founded and maintained a museum of zoology at Tring, Hertfordshire, containing the largest collection of animals ever assembled by one man. The working library of nearly 30,000 volumes, superbly bound, relating primarily to ornithology and entomology, is also especially rich in accounts of early voyages and expeditions. The land, buildings and contents having been willed to the nation, the library has been kept up to date by continuation of the periodical publications and augmented by essential books required by the museum staff working on the collections preserved there. The next large bequest was in 1948 when the zoological books and reprints of Sir Sidney Harmer (1862–1950), a former Director of the museum, were received. His major studies had been on the Polyzoa and Cetacea and his very extensive collections of literature on these subjects were a welcome addition to the study libraries of these two Sections.

Scarcely a year passes without some rare or unique works being acquired, also useful small collections of books. Examples of these are the Leston collection of more than one hundred volumes of the works of the Rev. J. G. Wood, many being editions not previously represented in the library; this collection was presented by Mr. Denis Leston in 1958. A few years later, in 1964, the C. T. Trechmann bequest of 242 volumes and a large collection of reprints of papers mainly concerned with the palaeontology of the West Indies was received. In 1965 a collection of books relating to Mineralogy and containing some comparatively rare works not represented in the Museum library was bequeathed by Sir Arthur Russell (1878–1964). Colonel Richard Meinertzhagen (1878–1967), the well known ornithologist, bequeathed, in 1967, his library comprising 367 volumes of works on birds, together with a most useful collection of 44 boxes of reprints.

One of the most important recent additions to the Museum's collections of manuscripts comes from the library of Dr. Albert C. L. G. Günther, F.R.S. (1830–1914), one time Keeper of Zoology. These were acquired from his grandson in 1969, and comprise several thousand letters addressed to Dr. Günther from the year of his arrival in England in 1857 to his death, and includes several hundred manuscripts relating to the period of his Keepership. Finally, in November 1969, an extensive collection of c. 2,500 autograph letters of various eminent naturalists and antiquarians was acquired, mostly written before 1850 to James Sowerby and his son J. de C. Sowerby, together with autograph notes, drafts and drawings relating to zoological and botanical subjects.

The strength of the libraries of the Museum is without question their comprehensiveness. As has been noted, the Museum has been fortunate enough to be presented with large quantities of valuable material, but this should not detract from the considerable efforts made by the various librarians to obtain rare material as well as current publications. With the ever increasing book production throughout the world and the widening interests of the Museum it is no easy feat to acquire even

the most essential material, let alone aim for the degree of completeness for which the libraries have become world famous. The fact that they still manage to occupy this position is shown by the considerable use librarians throughout the world make of the bimonthly List of Accessions to the Museum Libraries. The accommodation of the books and the staff to look after them was considerably eased by the move of the Botanical and Mineralogical libraries to the west and east towers and by the provision of a purpose built General Library, but the 1970s should witness the greatest development in library building the Museum has ever experienced. Two floors of the new north-east block have been allocated for expansion of the General Library and enlarged accommodation for the Zoological Library. The new east block being erected for the Department of Palaeontology will include a completely new library with reading room and map room as well as the usual offices.

Thus the coming decade should see the books housed in conditions worthy of them, and it would be as well to remember that it has not been the buildings which have made the libraries what they are today but the numerous members of the public who have presented to the Museum their collections great and small and the Museum and Library staff who over a number of decades have diligently sought and found so much unique material.

It remains only to gratefully acknowledge the co-operation and assistance I have received from my former colleagues in the Departmental Libraries, particularly Miss P. I. Edwards for additions and amendments relating to the Botanical Library and Mr. A. P. Harvey similarly for Palaeontology. I especially record my thanks to the Chief Librarian, Mr. M. J. Rowlands, for his encouragement and advice in the compilation of the Appendix to this work.

LIST OF MANUSCRIPTS AND DRAWINGS ARRANGED UNDER THE NAMES OF AUTHORS, AND OR PREVIOUS OWNERS

The initial of the Departmental Library in which the various works are kept is placed after each entry. Items preserved in the General Library are marked (L), those in the Tring Museum (T) and those in the Directorate (D).

ABBOT (John) [1751–1840]

A collection of original water-colour drawings of the Insects and Plants of Georgia, by J. Abbot, with manuscript descriptions, in 17 volumes, formerly the property of J. Francillon, was purchased in 1818 (Z). Some of these figures have served as types of new species.

Two volumes of original drawings of Insects of Georgia and a volume containing 116 water-colour drawings of Birds of Georgia were bequeathed by the second Baron Rothschild in 1937 (E and Z).

148 water-colour drawings of Lepidoptera of Georgia were acquired with the Lord Walsingham collection in 1911 (E).

ABBOT (William James Lewis) [1853-1933]

"The Geology of the new Wealden Colossal Gastropods and the life history of the 'Bluestones' 1929. Unpublished manuscript (P).

ABRAHAM (P. S.)

MS. list of Anthobranchiate Nudibranchiate Mollusca in the British Museum also a list of these molluscs not in the British Museum (Z).

ABREU (E. A. D'.)

MS. note-book of Indian birds and reptiles of the Nagpur District. c. 1913 (Z).

ACHARIUS (Erik) [1757-1819]

13 original water-colour drawings of plants and the original manuscript of his Monographie der Lichen-Gattung Pyrenula published in 1812 (B).

ADAMS (Arthur) [1820-1878]

Adams served as Assistant Surgeon and Naturalist on board the *Samarang*, in 1843–46. 109 water-colour and pen-and-ink sketches of animals made by him during that voyage were presented in 1875 (Z).

ADAMS (Lionel Ernest) [1854-1945]

MS. catalogue of the Adams collection of Mollusca, presented to the Conchological Society in 1940 and subsequently donated to the Museum. I vol. (Z).

ADKIN (Robert) [1849-1935]

One volume of letters relating to entomology, by various correspondents, addressed to R. Adkin, 1896–1917 (E).

AGASSIZ (Cécile) [Mrs J. L. R. Agassiz]

See BRAUN (Cécile)

AGASSIZ (Elizabeth Cabot) [Mrs J. L. R. Agassiz]

Autograph letters of Elizabeth (née Cary) second wife of J. L. R. Agassiz, written while accompanying her husband to Brazil and elsewhere, 1864–1873 (Z).

AGASSIZ (Jean Louis Rodolphe) [1807-1873]

The Museum possesses a copy of this celebrated ichthyologist's Modèle de mes Cadres de Fossiles, annotated in his own writing. This was a privately issued scheme, or table, circulated apparently with the view to obtain co-operation and assistance. The present copy came from the library of John Phillips (P).

Two volumes of manuscript notes made by Agassiz when a student at Zurich, 1824-25, were presented in 1951 (L).

A pencil portrait, dated 20 January 1835, drawn by his wife is preserved in the Museum (L).

A manuscript list of fossil Echinodermata headed "Modèle de mes Cadres de Fossiles" (P).

AGNEW (J.)

Three original water-colour drawings of Mollusca (Z).

AGNEW (J.) & LEWIN (J. W.)

See LEWIN (John William) & AGNEW (J.)

AGNEW (Thomas)

Nine water-colour drawings of leeches, planarians and earthworms, 1781–1784 (Z).

AITON (William) [1731–1793]

Aiton had charge of the Botanic Gardens at Kew, and in conjunction with Sir J. Banks was instrumental in sending out Francis Masson, the collector (q,v), some of whose drawings are in the Museum (B).

The original drawings for twelve out of the thirteen plates, drawn by various artists, for Aiton's *Hortus Kewensis* form No. 17 of the Banksian MSS. (B).

ALBIN (Eleazar) [fl. 1713-1740]

Seven water-colour drawings of fishes (Z). Two volumes of drawings of insects and flowers (E.) A series of proof plates of A natural history of English insects published in 1720. These run from I-L of the published series, and are continued by 15 unnumbered plates of the published L1-C. Many of the dedications of the plates were apparently altered before publication (E).

ALCOCK (Alfred William) [1859–1933]

122 manuscript sheets, "Notes of a Naturalist in Kashmir and the Pamirs", c.1905, an autobiographical account dated 1926 and 53 original drawings of marine animals published in A naturalist in Indian seus 1902 (Z).

ALDER (Joshua) [1792–1867]

MS. note-book on the synonyms and localities of the British Nudibranchiate Mollusca. c. 1835-1864 (Z).

ALDER (Joshua) [1792–1867] and NORMAN (Alfred Merle) [1831–1918]

Seven volumes containing 1549 autograph letters to and from J. Alder and A. M. Norman, covering the period 1826–1911 were presented in 1937 (L).

ALEXANDER (Boyd)

Five MS. diaries relating to bird collecting in Africa, 1898–1909 (Z).

ALLAN (Robert)

MS. Diary kept by R. Allan during a visit to Sicily, Lipari and the Cyclopean Isles from November to December 1830 (M).

ALLAN (Thomas) [1777-1833]

Manuscript catalogue of his collection of Minerals, 3 vol. After Allan's death his collection was purchased by R. H. Greg and thence passed to his son R. P. Greg (q.v) who added a supplementary volume. This catalogue contains some of the original line drawings published in Greg & Lettsom Manual of Mineralogy 1858 (M).

ALLEN (William Berish) [1875-1922]

Collection of correspondence with contemporary Mycologists (B).

ALLMAN (William) [1776–1846]

Allman held the post of Professor of Botany at Dublin from 1809 to 1844. An autograph MS. entitled "An attempt to illustrate a mathematical connection between the parts of Vegetables," &c. (B) formed part of R. Brown's collection, presented in 1876. It is apparently the original MS. of a paper read before the Royal Society in 1811 but not printed by that body: an abstract was privately issued by Allman in 1844.

AMEGHINO (Carlos)

MS. "Catalogue des ossements d'oiseaux fossiles recueillis dans les terrains tertiares de la Patagonie australe pendant les anneés de 1889 à 1894" (P).

ANDERSON (James) [1797–1842]

Anderson accompanied Captain P. P. King in his circumnavigation in the *Adventure* (1826–30) as botanical collector. A manuscript list of plants collected is preserved in the Museum (B).

ANDERSON (William) [1750-1778]

Anderson served as surgeon's mate on the second voyage of Captain J. Cook to the Pacific (1772–75), and as naturalist on the third voyage (1776–78). His manuscript notes on the Birds observed on the second voyage, and his descriptions in MS. of the Plants and Animals of the third voyage formed the Banksian MS. No. 81 (B and Z).

ANDREWS (Charles William) [1866-1924]

Four holograph note-books relating to C. W. Andrews visit to Christmas Island in 1897–98 were presented in 1940. Much of the information was included in his *Monograph of Christmas Island* 1900, but many details taken on the spot were not incorporated.

A collection of 23 letters from Andrews to C. D. Sherborn from Christmas Island and Egypt is also preserved in the Musuem (L).

ANDREWS (Henry C.) [fl. 1794–1830]

One water-colour painting of Azalea pontica dated 1796 (B).

ANIMALS

Descriptions of animals observed on a Voyage to Canton, with original water-colour drawings. 2 vol. This is the MS. cited by Broussonet in his *Ichthyologia* (1782) under *Clupea thrissa* (Z).

ANIMALS

A volume containing a collection of water-colour drawings of Animals copied from old works on Natural History (Z).

For a corresponding collection See PLANTS

ANNING (Mary) Miss [1799–1847]

Autograph transcripts of three memoirs in the *Transactions of the Geological Society*, with pencil copies of the accompanying plates, by Miss Mary Anning, the well-known fossil-collector at Lyme Regis and discoverer of Ichthyosaurus, were presented in 1885. Her portrait in oils was presented by Miss Annette Anning in 1935 (P).

ANONYMOUS

One original charcoal drawing of Cynocephalus mormon (Z).

See also entries under ANIMALS, BASKING SHARK, BIRDS, CEYLON, CHINA, FISHES, HONGKONG, INDIA, INSECTS, JAPAN, LEPIDOPTERA, NEW SOUTH WALES, PLANTS, SWEDEN.

ANSLIJN (Nicolaas) [1777–1838]

Afbeeldingen van Nederlandsche Dicren. 2 vol, 1830. 133 litho pls. coloured by hand, with descriptions in manuscript. With these there is a third volume containing 73 original water-colour drawings, apparently designed in continuation of the series (Z).

ARBER (Mrs. Agnes) [1879–1960]

One volume of miscellaneous drawings and notes (B).

ARBER (Edward Alexander Newell) [1870-1918]

Proof of text and illustrations of E. A. N. Arber's "Fossil Plants" intended for the Report of the National Antarctic Expedition but not published, also letters thereupon (P).

ARCHER (Sir Geoffrey Francis) [1882–1964]

Manuscript lists of birds and eggs collected in Somaliland for Lord Rothschild, c. 1921 (Z).

ARENDT (J. J. F.)

Arendt was a botanical writer, apparently resident at Osnabrück. His autograph "Floriferti Osnaburgensis anomali . . . specimen primum," 1848, is preserved in the Museum (B).

ARNOLD (Frederick Henry) [-1906]

Nine MS. notebooks containing Arnold's Flora of Sussex, 2nd edition, 1907 (B).

ARNOTT (George Arnold Walker) [1799–1868]

Twenty-one volumes of correspondence from contemporary botanists, addressed to Professor Arnott (B).

ASHFORD (Charles) [1829-1894]

Autograph notebooks, letters, pencil sketches and newspaper cuttings relating to Mollusca (Z).

ASHTON of HYDE, Lord [1901-

Seventy drawings of oriental birds, probably painted in India, c. 1840, by native artists were presented by Lord Ashton in 1957 (Z).

ATKINSON (Edward Leicester) [1882-1929]

One MS. note-book containing data relating to parasitic Protozoa, and two note-books relating to parasitic Worms, collected during the British Antarctic ('Terra Nova') Expedition, 1910–13 (Z).

AUBLET (Jean Baptiste Christophe Fusée) [1720-1778]

The French botanist Aublet was successively charged with the task of founding botanic gardens in the Ile de France, Guiana, and San Domingo: he wrote a *Historie des Plantes de la Guiane Françoise*, and his original drawings for the plates of this work with many unpublished ones, and his manuscript descriptions form the Banksian MSS. Nos. 29, 58, 59 and 60.

610 original drawings of Guiana plants with MS. descriptions form Banksian MS.

No. 61, also manuscript descriptions and drawings of *Bankia borbonensis* and of *Bernantonia suaveolens*, c. 1776 (B).

AUBRIET (Claude) [1665-1743]

Six original drawings of plants, 3 in water-colour painted on vellum (B).

AUDOUIN (Jean Victor) [1797-1841]

MS. and original drawings for part of the author's article on *Arachnida* in Todds Cyclopaedia, Vol. 1. 1836 (L).

AUDUBON (John James) [1785-1851]

Framed portrait in oils by Lance Calkin, presented by Mr. R. W. Oates in 1939 (L).

AUSTEN (Henry Haversham Godwin-) [1834-1923]

A large collection of manuscript notes, drawings and proof plates relating to Mollusca. The author's own copy of his *Land and Freshwater Mollusca of India* including annotations, correspondence and extra original drawings are also preserved in the Museum (Z).

AUTOGRAPHS

Eleven autograph letters and 86 autograph signatures of eminent Naturalists, from the collection of F. W. Harmer (L).

AYLESFORD, Countess of

See FINCH (L).

BACSTROM (Sigismund)

Floras of the Countries visited during Captain James Cook's first Voyage, compiled by Bacstrom from Solander MSS.

Autograph index to the species of the larger genera in Willdenows edition of Linnaeus Systema Plantarum.

MS. copy of botanical excursions through Wales by S. Brewer and J. Lightfoot (B).

Water-colour drawings of the Greenland Whales, s.sh. 1786 (Z).

BADGLEY (W. F.)

Three volumes of manuscript and original drawings of the lepidoptera of Assam are preserved in the Museum (E).

BAILEY (F. M.)

Four volume manuscript catalogue of his collection of birds, also field notes relating to birds of Nepal and adjacent regions, c. 1938 (Z).

BAILEY (R. H.)

Manuscript notes of Orchids of the Blandford area, 5 ff. 1953 (B).

BAIN (Andrew Geddes) [1797–1864]

A collection of lists of fossils and localities, and copies of letters relating to the Geological Survey of South Africa, 1851–52 (P).

BAINES (Thomas) [1820–1875]

155 original water-colour and pencil sketches, being a portion of those made by

this celebrated African explorer and artist during an expedition to explore the goldfields of Mashonaland, were purchased in 1886 (L).

They in part illustrate his book on *The Gold Regions of South-eastern Africa*, in which he supports the theory that the land of Ophir lay in Mashonaland, and his sketches include one of the old workings near Maghoondas Village, in which district also he notes and depicts natives whose method of wearing their hair strikingly resembles that shown in drawings on Egyptian monuments.

Three water-colour drawings and one pencil sketch of mammals were acquired in 1937 as part of the Rothschild bequest (L).

BAKER (John Gilbert) [1834–1920]

MS. notes on the life and character of Dr. John Fothergill, I vol.

MS. note-book of plant records for the Lake District and Yorkshire floras. 1865–82 (B).

BALSTON (Mrs. W. E.)

Two collections of water-colour drawings of plants, by Mrs. Balston, from Switzerland, Western Australia, South America, Jamaica, South Africa &c., 1880–1913, were presented in 1950 and 1951 (B).

BANKS (E.)

See ROBINSON (H. C.) & CHASEN (F. N.)

BANKS (Sir Joseph), Bart. [1743-1820]

The celebrated Library formed by Sir J. Banks was handed over to the care of the Trustees in 1827. The collection of books was placed in the Printed Book Department, with the exception of 26 works, numbering 149 volumes, chiefly systematic works used in the Herbarium, which were either duplicates or contained manuscript notes, by Solander, Dryander, and Robert Brown, and which, with the MSS., Prints and Drawings, remained in the custody of the Keeper of the Banksian Botanical Collections.⁴

The manuscripts and drawings included the following important items, many of which are cited in Dryander's Catalogue of the Banksian Library:—

Title	Banksian number	Depart- ment where now kept
Alton (W.) [12 out of the 13 original water-colour draw-		
ings for Aiton's "Hortus Kewensis," by J. Sowerby,		
J. F. Miller, F. P. Nodder, G. D. Ehret, and Franz Bauer]	17	В
Anderson (W.) Genera nova Plantarum in itinere	•)
nostro [i.e. Capt. Cook's third voyage, 1776–78] visa, etc.		> B
—— Descriptiones Plantarum, etc.	- 8I)
— Zoologia nova, etc		z
— Characteres breves Avium 1772–75		<i></i>
Animals. [Descriptions of Animals observed on a Voyage		
to Canton, with original water-colour drawings.] 2 vol.	84 & 85	Z

⁴ Some of these were afterwards transferred to the Department of Manuscripts.

AUBLET (F.) [Manuscript descriptions of Plants collected		
in French Guiana]	29	В
— [Original pencil drawings for the plates in his <i>Histoire</i>		
des Plantes de la Guiane Françoise]	58 to 60	В
— [60 foll. of original unpublished drawings of Guiana		
Plants with manuscript descriptions	61	В
Banks (Sir J.) [Autograph Notes on useful plants] .		В
— [Various manuscript notes interspersed with Solander's		_
$q.v.\ infra$]		В
Copy [by Sarah Sophia Banks] of Journal of a Voyage to		
Newfoundland and Labrador; commencing April seventh,		
and ending November the 17th 1766		В
BARTRAM (J.) [7 autograph letters to Dr. Fothergill		
(1769-71)]	23	В
BARTRAM (W.) [Original MS. of his Travels through	-3	
Carolina, Georgia, etc.]	78 & 79	В
— [102 foll. of descriptions with 53 drawings of the	70 66 79	
Plants and Animals of Carolina, Georgia, etc.]	23	В
BAUER (FRANZ L.) [Original water-colour drawings illus-	23	Ъ
trating the Germination of Wheat and the Diseases of		
Corn, with a large miscellaneous series chiefly of the more		
remarkable Plants that had flowered at the Royal Gar-		
dens, Kew, of which a further series was presented in		
		В
1841]	```	Ъ
1725–27]	> 35	В
coverys made by Dr. P. Blair, etc.		
BOBART (J.) The Younger. [Copy by Sir J. Banks of a)	
"Catalogue of Plants sent from Mr. Bobart 1689"]	0.4	В
	94	D
BOLTON (J.) [Original drawings for the plates of his	26	ъ
Filices Britannica]	36	В
Brewer (S.) [Manuscript copy by D. Solander of his]		D
Botanical Journey through Wales in 1726 and 1727	95	В
BROWNE (P.) [Autograph MS.] Catalogue of the Plants of		D
the English Sugar Colonies	70	В
BUCHANAN, afterwards Hamilton (F.) Enumeratio		
Plantarum quas in adeundo civitatem Barmanorum		
regiam anno 1795 observavit F. Buchanan. [MS.	0.0	n
with 53 drawings.] 2 vol	18 & 19	В
CALEY (G.) [Autograph Journals of Journeys to New		
South Wales]	>	В
— [Autograph] Descriptions of Plants of New South		
Wales		

Castelvetri (G.) [Autograph MS.] Brieve racconto di	
tutte le Radici in Italia, etc. 1614 91	В
CIRILLO (D.) [MS.] Institutiones Botanicæ, etc	В
— [Autograph letter to Brownlow, Earl of Exeter] . 76	В
CHINA. [24 water-colour drawings of Fish by a Chinese	Ь
	Z
artist at Canton	L
under the superintendence of J. B. Blake, by a native	D
artist]	В
220 water-colour drawings of Chinese Plants and	D
Animals, by a native artist.] 2 vol	8 B
COLDEN, afterwards FARQUHAR (Jane) [Autograph MS.]	_
Flora Nov-Eboracensis, etc [99]	В
DILLENIUS (J. J.) [Original drawings by himself for pls.	
i-lxxix of his Historia Muscorum]	В
DRYANDER (J.) [Manuscript Catalogue of the drawings of	
Animals in the Library of Sir J. Banks]	Z
— [Index to the Species of Plants described and figured)
by N. J. von Jacquin in his MSS.]	> B
—— Massonii Flora Maderensis. [Autograph MS.]	J
Durand (P.) De quibusdam Zoophitis quæ in sinu	
Gibraltarico reperiuntur, etc [102]	В
EHRET (G. D.) [65 original water-colour drawings of	
Plants from the collection of Sir R. More] 16	В
— [Original drawings of Rare Plants, Fruits and Seeds.] f [106 to	7 5
4 vol	> B
[17 original drawings of Plants collected by Banks in	,
Newfoundland]	В
Ellis (W. W.) [115 original water-colour drawings of	
Animals made during Capt. J. Cook's third voyage,	
1776–78] also two plants	Z and B
FORSTER (J. G. A.) [261 foll. of original water-colour and	2 and 2
pencil drawings of Animals made during Capt. Cook's	
second voyage, 1772–75.] 2 vol 6 & 7	Z
— [Original water-colour and pencil drawings of Plants	L
made during Capt. J. Cook's second voyage.] 2 vol 8 & 9	В
GERARD (J.) [MS. copy of his] Catalogus Arborum ac	Б
Plantarum in horto J. Gerardi nascentium	D
Howard (W) [Automorb] Cotal and Plantagers is	В
Houstoun (W.) [Autograph] Catalogus Plantarum in	D
America observatarum	В
— [Autograph MS.] Plantæ observatæ circa Kingston	
in Jamaica, et Havanam in Cuba 68	В
— [Autograph MS.] Nova Plantarum Americanarum [
genera, etc	

[Autograph MS.] Plantæ circa Veram Crucem		
observatæ	69	В
— [Autograph MS.] Nova Plantarum genera		
India. [MS.] Declaração das AruoresPlantase		
Eruas virtuozas seruem para se aplicar a varias		
doenças declaradas pellos fizicos deste Anjenga 1750		
[228 water-colour drawings with manuscript descriptions]	22	В
INDIA [559 water-colour drawings of Bengal Plants,		
painted by native artists, with their native and occasion-		
ally also the Linnean names. 3 vol	13 to 15	В
JACQUIN (N. J. von) Autograph notes and letters		
addressed to J. Dryander, with sketches and water-		
colour drawings		В
JOHNSON (T.) Iter Plantarum investigationis ergo sus-		
ceptam in agrum Cantianum 1629 }	96	В
——————————————————————————————————————		
Konig (J. G.) [Autograph journals of his voyages, with		
lists and descriptions of East Indian (including Siam and		
Malacca) Plants, Animals and a few Minerals.] 21 vol	37 to 55	В
L'HÉRITIER DE BRUTELLE (C. L.) [51 autograph letters to	37 - 33	
J. Dryander. 1785 to 1790]	[101]	В
LIGHTFOOT (J.) [Transcript by Bacstrom of his] Journal	[]	
of a botanical excursion in Wales. [1775]	86	В
LIND (J.) A Catalogue of such Chinese and Japanese plants	00	D
whose Chinese characters are known and are botanically		
		В
described, &c.	* * *	15
LINN.EUS (C.) Föreläsningar ofver Djur-riket 1748;	m T	Z
uppteknade of L. Montin	71	В
Fundamenta botanica 1740	72	В
— Växt-riket 1746–48	73	M
——————————————————————————————————————	74	В
— — Diæten 1748–49	75	Ъ
LOUREIRO (J. DE) [Autograph MS.] Nova genera Plan-	0.7	В
tarum in Cochin China sponte nascentinm, etc	93	Б
M., R. [MS.] List of the different sorts of Grain, &c., cul-		
tivated in the Tanjore country [with 15 water-colour		1)
drawings by a native artist]	97	В
Martyn (J.) and (T.) [Correspondence]	[103]	В
Masson (F.) [54 water-colour drawings of Plants, 9 of]	>	$\begin{cases} B \end{cases}$
Animals, and 2 views of Niagara]		
Monte Bolca. [8 foll. of rough water-colour sketches of		
fossil Plants, and 12 of fossil Fish from Monte Bolca] .	[114]	P
MONTIN (L.) [Autograph.] Beskrifning öfver en resa		
til Lapska fjällarne åfvan Luleå stad	83	В

New South Wales [70 water-colour drawings of Animals		
and Plants made near Port Jackson, some of which were		
used in drawing the plates for J. White's "Journal of a		
Voyage to New South Wales'']. These have been		
erroneously attributed to Thomas Watling who did not		
arrive in the Colony until 1792; J. White's Journal was		
published in London in 1790	34	В
PARK (Mungo) [20 water-colour drawings of Fish from		
the coast of Sumatra with manuscript descriptions of six		
species. 1792]		Z
PARKINSON (S.) [40 water-colour drawings of Animals		
taken from specimens or drawings executed in India by		
order of J. G. Loten, and forming the originals of some of		
the figures in Pennant's Indian Zoology, and Quadrupeds]	20	Z
— [Original water-colour drawings of Plants and]		L
Animals made during Capt. J. Cook's first voyage,		В
1768–71; with finished drawings by T. Burgis, J. Cleve-	J	18 vol.
	··· }	Z
ley, Jas. Miller, J. F. Miller and F. P. Nodder, made from	-	3 vol.
the incomplete sketches.] 21 vol		
Petiver (J.) [73 rough water-colour drawings of Cape	00	D
Plants, copied from Sloane MS. 5286	88	В
PLANTS. [124 rough coloured drawings of Plants, seem-		n
ingly from old woodcuts]	62	В
— [418 foll. rough water-colour drawings of Plants and	,	D
some Animals, with their names in Greck and Latin] .	63	В
PLUMIER (C.) [312 copies of water-colour and pen-and-ink		
drawings of Plants, many of which were published in his		70
various works.] 5 vol	I to 5	В
Pulteney (R.) [MS.] Flora Malabarica, etc	26	В
— [Autograph MS.] A Catalogue of Plants spontane-		
ously growing about Loughborough, etc	90	В
ROBINSON (Sir T.) [MS. copy by Banks of] A catalogue of		
Plants observed in several parts of Wales in 1689 .	94	В
Rome. [MS.] Flora ruderata Romana, etc	[100]	В
SEYFFERT (H. C.) Icones Fungorum, ctc. [133 original		
water-colour drawings]	65	В
SHERARD (W.) [Autograph Notes and Observations on the		
first two volumes of Ray's Historia Plantarum]	80	В
Solander (D. C.) [An extensive series of MSS. including		
notes and descriptions of Animals and Plants observed		
during the voyage with Banks to the South Pacific, and		
to Iceland, as well as indexes and lists compiled in con-		
nection with his curatorship of Banks' Collections and		
Library, and many of them containing notes in Sir J.		
Banks' handwriting		B and Z
0		

Sowerby (J.) [103 foll. of original drawings for No. 2-4 of Dickson's Fasciculus Plantarum Cryptogamarum		
Britanniae]	21	В
STEPHENS (W.) Catalogus Plantarum in Horto Dublin-		
iensi. [MS. which, after p. 41, is in Stephens's own hand-		
writing]	92	В
Sweden. [192 original water-colour drawings on 24 pls. of		
Swedish Moths, Caterpillars and Spiders	87	\mathbf{E}
TILLI (M. A.) [Autograph MS.] Specimen Plantarum	,	
quæ in Horto Medico Sapientiæ Pisanæ Iocisque		
finitimis extant. 1713–30	[111]	В
TOURNEFORT (J. P. DE) Catalogue des Plantes que M. P.		
de Tournefort trouva dans ses Voyages d'Espagne et de		
Portugal copié de l'original, etc	82	В
Young (W.) A Natural History of Plants, containing the		
production of North and South Carolina, etc. [302		
water-colour drawings with manuscript, index and		
dedication]	24 and 25	В
MS. list in an unknown hand of bird skins in Banks' Col-		
lection, from the second and third voyages of James		
Cook, and from Labrador &c. 4 Pt. ? 1780		Z

In 1876, a transcript, by the daughters of Mr. Dawson Turner, of the original Journal kept by Sir J. Banks during his voyage with Capt. J. Cook, 1768–71, was transferred to the Botanical Department. The original, which had been deposited with the MSS. Department to become the property of the Trustees on the death of Lady Knatchbull, was subsequently claimed and removed by Lord Brabourne, by whom it was sold in 1886 for £7 2s. 6d. The journal was afterwards printed from a transcript of the Dawson Turner copy, edited by Sir J. D. Hooker and published in 1896.

Transcripts by the same hands of Banks' correspondence were transferred with the Journal and are now bound in 21 volumes.

In 1895 a copy by Miss S. S. Banks of the journal, kept by Sir Joseph Banks during his voyage to Newfoundland and Labrador in 1766, was acquired (B).

A manuscript book of weights of Bank's friends and acquaintances, alphabetically arranged with entries dating from 1778–1814 is preserved (B).

BANNERMAN (David Armitage) [1886–

One MS. note-book on the birds and ornithological literature of the Eastern Polynesian Islands, and, in conjunction with Willoughby P. Lowe, a manuscript list of birds, with ecological notes, collected in Tunisia, 1925 (Z).

BARBIERS (M. J.) née SNABILIÉ [1776–1838]

Two sheets of water-colour drawings of insects and flowers (E).

BARBUT (Jacques)

12 coloured plates, 8 coloured original drawings and 23 original pencil drawings, mostly of molluscous animals. 1782–1788 (Z).

BARCLAY (Arthur) [1852–1891]

A collection of original drawings, outline and coloured, of Indian plants, also note-books and manuscript material relating mainly to Indian Uredineae (B).

BARCLAY (George) [fl. 1835–1841]

Barclay accompanied Capt. Belcher as botanical collector on board the *Sulphur* (1836–41). His autograph journal of the voyage is preserved in the Museum (B).

BARLA (Josef Hieronymus Jean Baptiste) [1817-1896]

Manuscript "Catalogue des Champignons observés aux environs de Nice, suivant le Systema de Fries" (B).

BARNARD (J.) [fl. 1800]

Two original drawings of Cercopithecus cynomolgus, one coloured (Z).

BARNES (H. E.) [1848–1896]

MS. catalogue of his collection of Indian birds' eggs and skins. I vol., and manuscript notes on these. I vol. (Z).

BARRELIERUS (Jacobus)

A manuscript entitled "Barrelieri iconum Consensio cum Linnaei Sistemate" &c. c. 1810 (B).

BARTHOLOMEW (Valentine) [1799-1879]

Flower Painter in Ordinary to Queen Victoria. The Museum possesses one water-colour drawing of a flower by this artist (B). Other examples of his work are in the Victoria & Albert Museum.

BARTRAM (John Tavenier) [1811–1889]

A transcription of a manuscript in the library of the Bermuda Biological Station on the birds of Mullet Bay, Bermuda. c. 1864 (Z).

BARTRAM (William) [1739–1828]

William Bartram, son of the botanist, John Bartram [1701–1777] (seven of whose letters to Dr. Fothergill form the Banksian MS. no. 23), travelled in 1773 at the request of Dr. Fothergill through the southern portions of the United States, and the original manuscript of his *Travels through . . . Carolina, Georgia*, etc., and a volume of 102 fols, containing 53 original drawings, with manuscript descriptions of the Plants and Animals of those districts, form the Banksian MSS. no. 23, 78, and 79 (B).

BASKING SHARK

34 sheets of miscellaneous drawings of the Basking Shark captured at Brighton in 1812, and of other animals, with MS. notes, a handbill and a printed description of the Basking Shark. Presented by J. Whitehead Esq., in 1915 (Z).

BASSEPORTE (Madeleine Francoise) [1701-1780]

Miniature painter to the King of France and teacher of drawing to the daughters of Louis XV. The Museum possesses one water-colour drawing of a botanical subject by this artist (B).

BATE (Charles Spence) [1818-1889]

Notes on Boring Mollusca, dated April 1849. An original manuscript with

water-colour drawings, of a paper read at the British Association meeting 1849, of which an abstract only was printed in the Report, also a number of original drawings of Crustacea (Z).

BATE (Dorothea Minola Alice) [1879-1951]

Correspondence and note-books relating to the Bethlehem excavations in 1935, also an original coloured portrait, by her sister, Mrs. Cuddington (P).

BATES (George Latimer) [1863-1940]

Portfolio of original drawings (78 pieces) for *Handbook of the Birds of West Africa*, 1930 also drawings (8 pieces), apparently not published, by H. Grönvold. Two volumes of manuscript notes on the birds of West Africa. A considerable quantity of manuscript notes and the typescript of Bates' book on the *Birds of Arabia*. A duplicate typescript of this was presented to the Museum in 1957 with the Meinertzhagen bequest (also some manuscript lists of birds' eggs, 1904–1915) (Z).

A collection of 12 autograph letters from G. L. Bates to W. E. De Winton, 1896-1900 (L).

BATES (Henry Walter) [1825-1892]

Two MS. note-books of H. W. Bates relating to the insect fauna of the Amazon Valley with original drawings, pencilled and coloured, 1851–1859 (E).

BATHER (Francis Arthur) [1863-1934]

Keeper of the Geological Department 1924–1928. Numerous manuscript notebooks, drawings and photographs, also original sketches illustrating papers on Cephalopod and Crinoid morphology, 1892 (P).

BATTERS (Edward Arthur Lionel)

MS. Bibliography of British Algology. 1 vol. (B).

BAUER (Ferdinand Lucas) [1760-1826]

F. L. Bauer, who accompanied Robert Brown on Flinders' voyage to Australia, brought back a series of water-colour drawings of the Plants and Animals observed. 49 of his drawings of Animals (Z) and 203 of Plants (B) were presented by the Lords Commissioners of the Admiralty in 1843, and two portfolios of his drawings were bequeathed in 1858 by Robert Brown (B).

His original drawings for some of his plates to A. B. Lambert's *Genus Pinus* and *Genus Cinchona* are preserved in the Museum. A manuscript list of sketches of Plants and Animals made during the voyage of H.M.S. Investigator and subsequently at Port Jackson and Norfolk Island. 1 vol. c. 1814 (B).

BAUER (Franz Andreas) [1758–1840]

F. A. Bauer was employed by Sir Joseph Banks in making drawings of Plants in the Royal Botanic Gardens at Kew, the work being continued after Sir Joseph's death under the special provisions contained in his will, until the decease of Bauer. His drawings illustrating the *Germination of Wheat* and the *Diseases of Corn*, with many others, were included in the Banksian Collection, and came to the Museum in 1827; but the extensive series of the drawings made at Kew after Banks' death and bequeathed to H.M. George IV, was presented to the Museum in 1841 by H.M. Queen Victoria (B).

His original drawings for the plates to Sir W. J. Hooker's *Genera Filicum*, and other works with 127 drawings of British Orchids, and some illustrating the form and structure of various parts of Plants, are preserved in the Museum (B).

Other drawings of his were purchased in 1879 (B), while some illustrative of microscopic anatomy, done for Sir E. Home, were given in 1893 by the executors of Sir R. Owen, in whose collection of drawings they are (L).

One of the 25 copies of vol. I of A. B. Lambert's *Genus Pinus*, coloured by him, is in the Museum (B).

BEAVAN (R. C.)

MS. catalogue of birds collected in the Maunbhoom district (Chota Nagpore) in 1864, presented in 1938 (Z).

BECK (Richard)

Forty-one original water-colour drawings of Acari, ca. 1862 and 1918 (Z).

BEDDOME (Richard Henry) [1830-1911]

A collection of original pencil drawings including the originals for his *Icones plantarum*, 1874. (B)

BEDFORD (Edward John)

371 water-colour drawings from nature of British orchids, 1920–1921, were bequeathed by the Hon. N. C. Rothschild in 1923 (B). Some of these were issued in the Postcard Series.

BELL (Alfred) [1835-1925]

Manuscript lists of Fossils (animals and plants) recorded from the Pliocene to the Holocene deposits of the British Isles, with illustrations, 7 vols. (P).

BELL (E.) Miss

273 original drawings of caterpillars and pupae of moths (E).

BELL (Thomas) [1792-1880]

A number of unpublished plates intended for T. Bell's Monograph of the Testudinata are preserved with the Museum copy of this work (Z).

See also DARWIN (C. R.)

BELL (Thomas Reid Davys) [1863–1948]

Manuscript and typescript journal, from 1884 to 1948, of T. R. D. Bell, with a MS. index from 1884–1910. 66 volumes (E).

BELLERBY (William) [1852-1936]

18 sheets of original drawings of Mosses, made by W. Bellerby (B).

BELT (Thomas) [1832–1878]

180 letters addressed by various correspondents to Thomas Belt, author of *The Naturalist in Nicaragua*. 1864–1878. (L), also MS. notes with diagrams on the Thames Valley gravels (P).

BENBOW (John) [1821–1908]

One manuscript volume on the Flora of Uxbridge and district, 1884-1887 (B).

BENNETT (Arthur) [1843-1929]

5 MS. note-books on the genus *Potamogeton* Manuscript notes and lists of Norfolk Plants, post 1872, 3 vol. (B).

BENNETT (John Joseph) [1801-1876]

Appointed assistant to Robert Brown when the Banksian Herbarium was transferred to the British Museum in 1827, Bennett succeeded Brown as Keeper of the Botanical Department in 1858. Brown had bequeathed to him a number of books and MSS., which remained in the Department and were presented to the Trustees in 1876 by Mrs. Bennett (B).

The original pencil drawings by J. and C. Curtis for Bennett and Brown's *Planta Javanica rariores*, with proof engravings and hand-coloured proofs after letters of the plates are preserved (B).

BENNETT (John Whitchurch)

Original drawings for the plates of Bennett's Fishes found on the Coast of Ceylon, 1830. 30 sh. col. (Z).

BENTINCK (Lady W.)

57 water-colour drawings of birds from the Himalaya Mountains in the collection of Lady W. Bentinck. 1833 (Z).

BERJEAU (C.)

One mounted original water-colour drawing of the sandy tube dwellings of the marine worm Sabellaria spinulosa c. 1908 (Z).

BERKELEY (Miles Joseph) [1803-1889]

Berkeley, the distinguished mycologist, presented in 1876 530 original water-colour drawings. A considerable number were done for various Publications on English Fungi. (B).

A series of his letters to C. E. Broome was bequeathed with the latter's correspondence in 1886 (B). Berkeley's own correspondence was presented in 1890 also some manuscripts and notes on fungi (B).

BERNARDI (A. C.) [-1863]

34 holograph letters (1851-61) of A. C. Bernardi, with a list of shells supplied, to G. van Koch. The volume also contains letters & from H. Cuming, W. Dunker, M. T. Landauer, and E. Rosmer (Z).

BEROLDINGEN (Franz Colestin, Baron von) [1740-1798]

MS. catalogue of his collection of Minerals purchased by the Museum in 1816. 2 vol. (M).

BERRY (Andrew) [c. 1766-

An original water-colour drawing of an Indian palm with autograph description, sent to Sir Joseph Banks in 1808 (B).

BEVERE (P. C. de)

See LOTEN (J. G.)

BEWSHER (Mrs. C. W. W.)

22 paintings of Mauritius plants, c. 1880 (B).

BICKNELL (Clarence) [1842-1918]

A collection of autograph letters written by Bicknell to the Baroness Helene von Taube during the period 1909–1914 (B).

BINGHAM (L. F.)

MS. catalogue of the Bingham Collection of Minerals and Fossils made between 1839 and 1884, purchased by the Trustees in 1914 (P).

BIRCH (Roger) Commander R. N. [-1940]

18 water-colour drawings of fishes from the Maldives and Siam, c. 1934 (Z).

BIRDS

One volume containing 45 water-colour drawings of Indian birds, c. 1790 (T).

BIRDS

Raccolta di Uccelli, fatta da Giovanni da Udine. 82 leaves with 135 water-colour drawings of birds c. 1580. MS. title page, probably of 17th century, ascribes the drawings to Giovanni da Udine, but this ascription may be incorrect, vide Stresemann, 1914, Novit. Zool. 21: 20 (Z).

BIRDS

14 water-colour drawings of Birds from G. R. Gray's collection. 1 vol. (Z).

BIRDS

75 drawings of Birds, probably painted in India by native artists. 1 vol. c. 1840 (Z).

BIRDS

Typescript of projected book on the migration of birds, c. 1930 (Z).

BLACKMORE (William) [1826-1878]

A collection of statistics, newspaper cuttings, reprints and MS, notes on the American bison gathered by W. Blackmore for a monograph on the subject (Z).

BLAIR (Kenneth Gloyne) [1882-1952]

See HOPKINS (Barbara)

BLAIR (Patrick) [fl. 1706–1728]

Copies of the correspondence and a "Catalogue of the discoveries . . . made by Dr. P. Blair," botanist and surgeon, form the Banksian MS., No. 35 (B).

BLAKE (Lady Edith)

195 coloured drawings of Jamaican Lepidoptera, in their different life stages with their food plants, were presented in 1926 (E).

BLAKE (John Bradby) [1745-1773]

Sent out in 1766 to Canton as one of the Hon. East India Company's supercargoes, Blake devoted himself to Natural Science. A volume of drawings of Chinese Plants made under his superintendence by a native artist form the Banksian MS., No. 12. (B).

BLAKE, U.S.S.

Manuscript descriptions of the bottom deposits obtained by the "Blake" off

the eastern coast of the United States during 1875–1880 are preserved in the Murray Library (M).

BLOMFIELD (James Edward) [1856-

Manuscript, photographs and drawings of tree galls. 14 albums c. 1910–1914 (B).

BLOOM (J. Harvey)

Note-book containing a record of cryptogams collected in the Mickleham, Surrey area, 1922–1933 (B), and one note-book containing records of Arachnids &c. taken at Whitchurch and elsewhere, 1902–1909 (Z).

BLOSSOM H.M.S.

See SMYTH (W.) Mate of H.M.S. Blossom.

BLOXAM (Andrew) [1801–1878]

Bloxam went as naturalist on the *Blonde* in 1824–25, and on his return entered the church, becoming Rector of Twycross, in Leicestershire, and afterwards of Harborough Magna, in Warwickshire. His manuscript notes on the Cellular Cryptograms of Leicestershire, and his Correspondence (forming I vol.), were presented by his son in 1878 (B). At a later date his natural history notes made during the voyage of the *Blonde* and correspondence concerning them, from A. Newton, were acquired (L).

BOBART (Jacob) the Younger [1641-1719]

MS. copy, by Sir J. Banks, of a "Catalogue of Plants sent from Mr. Bobart" 1689. An interleaved and much annotated copy of Caspar Baulin's *Pinax*, 1623 (B).

BOISDUVAL (Jean Baptiste Alphonse Déchauffour de) [1801-1879]

Original water-colour drawings for Faune entomologique de Madagascar, Bourbon et Maurice. Lèpidoptères, &c. Paris, 1833 (E).

BOLTON 4th Baron

See ORDE-POWLETT (W. T.)

BOLTON (James) [fl. 1775-1795]

The self-taught naturalist of Halifax, Yorks., J. Bolton etched the illustrations for his own works.

His original drawings for the plates of his *Filices Britannicae* form the Banksian MS., No. 36 (B).

25 original water-colour drawings of fungi, executed 1788–1794, were purchased in 1892 (B).

50 original water-colour drawings of flowers from nature, made 1785-87, were purchased in 1894 and a further seven were acquired at a later date (B).

BOLTON (Thomas)

Portfolio of drawings and descriptions of living organisms 1879–1884 (L).

BOND (Elizabeth)

45 sheets of water-colour drawings of English wild flowers, 1914–1929, 36 sheets of drawings of North American wild flowers, 1886–1912 (B).

BONHOTE (John James Lewis) [1875-1922]

MS. list of wild ducks kept and bred at the Fen Ditton Aviaries, 1900-1912. 2 vol. (Z).

BORN (Ignaz von) Baron [1742-1794]

Manuscript catalogue of the Born collection of Minerals. This collection was acquired by the Rt. Hon. Charles Greville [1749–1809] and with other collections was purchased for the Museum in 1810 (M).

BOTANICAL CABINET

About 1,800 original water-colour drawings made for Vol. 1–18 of Loddiges Botanical Cabinet, by W. Miller, T. Boys, E. W. Cooke, J. P. Heath, G. Loddiges and others, 14 vol. 1817–1834. A further collection of 101 original drawings used in this work was purchased in 1940 (B).

BOTANICAL SOCIETY [of London]

The manuscript of the "Proceedings", 1724–26, of this Society, which was a distinct Society from the later one bearing the same name (1836–57), is preserved in the Museum (B).

BOURGUIGNAT (Jules René) [1829-1892]

MS. catalogue of Bourguignat's works, probably compiled by J. Saunders, 1899 (Z).

BOWDICH afterwards Lee (Sarah) [1791-1856]

Author's proof copy of *The Freshwater fishes of Great Britain*, 1828–37, with some MS. corrections. The plates consist of original water-colour drawings, many signed by the author (Z).

BOWELL (Ernest W. W.)

One MS. note-book on radulae, 1916–1920 (Z).

BOWER (T. H. Bowyer)

2 MS, note-books on birds collected in north and north-west Australia *circa* 1886. The notes were used by G. M. Mathews in his papers on the birds of this region of Australia, published in the *South Australian Ornithologist*, Vol. 2, 1915–16 (Z).

BOWIE (James) [c. 1789–1869] see CUNNINGHAM (James)

BOWLES (Edward Augustus) [1865–1954]

A collection of water-colour drawings of plants, mainly of Crocus species, 1895–1908 (B).

BOYCOTT (Arthur Edwin) [1877-1938]

Correspondence, note-books and files concerning Professor Boycott's lifelong interest in the Mollusca are preserved in the Museum (Z).

BRADY (Sir Antonio) [1811–1881]

A collection of letters addressed to Sir A. Brady relating chiefly to his collection of Pleistocene Vertebrata. 1 vol. 1858–1874 (P).

BRADY (George Stewardson) [1832-1921]

Fourteen original drawings of Porcupine Crustacea (Z).

BRADY (Henry Bowman) [1835–1891]

Brady made a special study of the Foraminifera. A copy of Soldani's rare work, Testaceographiæ ac Zoophytographiæ parvæ et microscopicæ tomus primus (—sccundus) was at Brady's request presented to the Museum by the Royal Society in 1891, his own copy remaining in their possession (L).

BRANDER (Gustavus) [1720-1787]

Trustee of the British Museum from 1761–1787. A portrait in oils by Nathaniel Dance was presented by the Rev. Gustavus Brander in 1877 (D).

A manuscript index to the type specimens of the Brander collection of fossils preserved in the Museum, compiled by C. D. Sherborn, 1889 (P).

BRANDT (Albertus Jonas) [1788–1821]

Two water-colours of flowers and one oil colour of fruit (E).

BRAUN (Cécile) Mrs. J. L. R. Agassiz

One portfolio of pencil drawings of varied subjects by the first wife of J. L. R. Agassiz (B).

BRAVARD (Auguste)

MSS. "Catalogue des ossemens fossiles recueillis dans l'Amerique du Sud'" ff. 27. I vol.

"Catalogue des ossemens fossiles des collections de M. Auguste Bravard" ff. 96. I vol.

These collections were purchased by the Museum in 1854 and 1952 respectively (P).

BREIDWISER (Theodor) [1847-

A water-colour copy of the Vienna drawing of the Dodo by R. Savery (Z).

BREWER (Samuel) [fl. 1700-1742]

As botanical collector for Dillenius and others, Brewer made a collecting tour through Wales. A copy in S. Bacstrom's handwriting of his unpublished "Botanical Journey through Wales . . . in 1726 and 1727, "forms No. 95 of the Banksian MSS. (B).

BRITANNIA, S.S.

MS. list and descriptions of soundings made in 1897 are preserved in the Murray Library (M).

BRITISH MINERALOGICAL SOCIETY

MS. Minute Book of the Proceedings of the Society, from its foundation, 2nd April 1799 to 18th December 1806, when it became incorporated with the Askesian Society (M).

BRITISH MUSEUM

Entomological Memoranda 1821–1840, 3 vol. MSS. Contains *inter alia* George Samouelle's reports to the Trustees (1830–41) with lists of accessions and several autograph letters (E).

BRITISH MUSEUM

A manuscript account of the contents of the six rooms devoted to Natural History as on May 1st 1824 (L).

BRITISH PLANTS

See SMITH () Major

BROCKMAN (R. E. Drake-)

Three note-books relating to his collection of African birds' eggs, c. 1913 (Z).

BRODIE (Peter Bellinger) [1815-1897]

Proof plates I—IO of Brodie's *Fossil Insects*, I845, with autograph notes by the author, and a collection of MS. material relating to his collections (P).

BRONKHURST (Johannes) [1648-1726]

Water-colour drawings of four birds on a single sheet (Z).

One water-colour of a moth and caterpillar on the food plant (E).

BROOKS (A. C.)

Four water-colour drawings of birds of prey 1895–1896 (Z).

BROOKS (William Edwin) [1828–1899]

80 original water-colour drawings of smaller Indian birds.

MS. ornithological note-book. Many of these notes relate to the Brian H. Hodgson collection of drawings (Z).

BROOME (Christopher Edmund) [1812-1886]

C. E. Broome, the mycologist, bequeathed his books and pamphlets to the number of 212 and the whole of his mycological correspondence with his Herbarium in 1886 (B).

A further series of his letters addressed to M. J. Berkeley was presented with the latter's correspondence in 1890 and 77 water-colour drawings of British plants, made between 1834 and 1840 (B).

BROWN (John), of Stanway [1780–1859]

J. Brown was one of the pioneers in Pleistocene palaeontology. His autograph notes, chiefly relating to English Post-Pliocene deposits with lists of the contained fossils, were presented in 1898, and some autograph letters in 1924 (P).

BROWN (Peter) [fl. 1766–1791]

17 original drawings painted on vellum for Da Costa's British Conchology 1778 (Z).

5 water-colour drawings of plants (B).

BROWN (Robert) [1773-1858]

Brown accompanied the Captain Mathew Flinders' expedition to Australia as naturalist; the voyage in H.M.S. "Investigator" extended from 1801 to 1805.

Manuscript notes on his zoological collections (Z) and his descriptions of the plants collected, the latter preserved in the most important of his manuscripts, the slip catalogue of descriptions of the plants in his own herbarium and the Banksian herbarium (B). These slips are arranged by family and filed in 34 Solander boxes. There are also a "Flora of Nova Hollandiae" compiled in Australia from brief descriptions made when the plants were collected, florulae of specific areas, a diary 1801–1805, etc. (B).

In 1810 Brown succeeded Dryander as Librarian to Sir Joseph Banks and from 1827 to 1857 was Keeper of the Botanical Department. He bequeathed to the

Trustees a collection of drawings by Ferdinand L. Bauer, and to his successor some books and pamphlets and numerous MSS, which were presented by Mrs. Bennett in 1876. The MSS, included a diary 1800–1801, a "Flora of Madeira", a pre-1801 volume of descriptions of plants, etc.

Brown copied the MS. descriptions of Australian plants made by Daniel C. Solander, who went on Captain Cook's first voyage; these two volumes were

presented by J. Britten in 1888 (B).

The original pencil drawings by J. and C. Curtis for Bennett and Brownes' Plantæ Javanicæ rariores (B).

Three volumes of Brown's correspondence (B). An additional three volumes

are in the Department of Manuscripts, British Museum.

Manuscript index to (A) genera in the Solander slip catalogue, (B) to genera in Vol. 1-4 of Willdenov's ed. of Linnaeus' *Species plantarum*, 1797-1806, and (C) his own genera published between 1797 and 1810; the descriptions relating to the latter are filed in his MS. catalogue. I vol. (B).

A portrait in oils is preserved in the Botanical Department.

BROWNE (Edward Thomas)

Five MS. note-books containing observations on British birds made during the years 1910–1923, and 68 sh. of original zoological drawings in pencil and colour. c. 1892 (Z).

BROWNE (Patrick) [1720 ?-1790]

While practising medicine in the West Indies, Browne studied their natural history, especially that of Jamaica.

An autograph "Catalogue of the Plants of the English Sugar Colonies" forms No. 70 of the Banksian MSS. (B).

BRUCH (Philipp) [1781-1847]

Bruch, who was an apothecary and botanist at Zweibrücken, devoted much time to the study of Mosses.

219 of his original pencil drawings of Mosses used in illustrating the *Bryologia Europæa* were purchased in 1883 (B).

BRUEGGEMANN (Friedrich) [1850-1878]

Dr. Brueggemann was employed by the Trustees in 1876 to prepare a complete catalogue of the Collection of Stony Corals in the British Museum. His premature death in 1878 interrupted the work; the manuscript, so far as it went, is preserved in the Museum (Z).

BRUGUIÈRE (Jean Guillaume) [1750-1799]

Two water-colour drawings of plants, the originals of plates 13 and 17 of C. L. L'Heritier de Brutelle's Sertum Anglicum, 1788 (B).

BRUNNER (Alec Frederick Fraser-)

Framed water-cotour painting of a shoal of mullet also an original painting of birds of paradise, c. 1948 (Z).

BRÜNNICH (Morten Thrane) [1737-1827]

Spicilegia Zoologia e Museis Naturae Curiosorum in itineribus apud exteros

reportata. A series of pencil and pen-and-ink sketches, accompanied by manuscript notes in various handwritings, among which are autographs of Pallas (Z).

BRYANT (Gilbert Ernest) [1878-1965]

MS. Index to G. Masters' Catalogue of the described Coleoptera of Australia, 1871-72 (E).

BUCCANEER, S.S.

MS. descriptions of soundings and tow-nettings made in 1886 are preserved in the Murray Library (M).

BUCHAN (Alexander)

Eleven original water-colour drawings of Fish and Mollusca collected during Captain Cook's first Voyage.

See PARKINSON (S.)

BUCHANAN, afterwards HAMILTON (Francis) [1762-1929]

Buchanan went out in 1794 as surgeon in the East India Company's Service. In the following year he accompanied the mission to Ava; his autograph descriptions with 53 drawings of the plants he observed form the Banksian MSS., No. 18 and 19 (B).

BUCKELL (Francis) [1818–1897]

Drawings of the pollen of 1,216 plants. With indices and MS. notes. 1890–1895 (B).

BUCKLER (William) [1814–1884]

62 original water-colour drawings of the British species of *Eupithecia* made for the Rev. H. Harper-Crewe, 1860–1879. Inferior replicas of these drawings were utilized in the production of the plates for the Ray Society monograph on the *Larvaæ of British Butterflies and Moths* (E).

BUCKLEY (Henry)

MS. catalogue of the Buckley egg collection, 2 vol. 1858–1877, also a list of his collection of American birds' eggs, c. 1860 (Z).

BUCKLEY (W. D.)

A collection of original coloured drawings and manuscript descriptions and notes relating to British Basidiomycetes and Discomycetes (B).

BUCKMAN (Sydney Savory) [1860-1929]

A collection of manuscript notes and correspondence relating to fossils (P).

BUCKTON (George Bowdler) [1818-1905]

Original drawings for his *Monograph of the British Aphides*, together with some unclassified drawings, c. 1876, also 354 water-colour drawings of Tettigidae with manuscript notes (E).

BUFFHAM (Thomas Hughes) [1840-1896]

Two volumes of manuscript Algological notes (B).

BUONAMICI (Giovanni Francesco)

A transcript of Dr. Buonamici's original MS. "De Plantis quæ in Melitæ et Gaulo observantur" (written about 1670), marked "Ex Biblioth. Boisy, MS. No.

21" is preserved (B). This work was printed as *Pugillus Meliteus*, by F. P. Cavallini in 1689 under his own name, and reprinted by Brückmann in 1737; in both cases the Maltese names which appear in the MS. were omitted.

BURBIDGE (Frederick William) [1847–1905]

Burbidge travelled in the Eastern Archipelago, paying especial attention to the botany of those regions.

115 original sketches, some coloured, made in Borneo, of Orchids, Pitcherplants, etc., were purchased in 1886 (B).

BURBIDGE (J. W.)

A piece of Whalebone of the Greenland Right Whale upon which is incised a sketch of a Sperm Whale hunt in the Adriatic. Presented by Mr. J. W. Burbidge in 1903 (Z).

BURGESS (Boughey)

One volume of MS. Journal and rough notes on the Birds of Dukhun and one volume of descriptions of birds, compiled 1849–1851 (Z).

BURGIS (Thomas) [fl. 1766]

Burgis was employed by Banks to make finished drawings of Plants from sketches by S. Parkinson, J. F. Miller and others. These are preserved with the Parkinson drawings to which they refer (B).

BURN (Rev. J. H.)

A collection of manuscript notes on Suffolk fungi (B).

BURTON (E. St. John)

Manuscript note-book relating to the author's collection of fossil invertebrates (P).

BURY (G. W.)

G. W. Bury was the Political Agent on the Aden Hinterland frontier in the early years of this century and one volume of his correspondence with W. R. Ogilvie-Grant concerning bird collecting in this region is preserved in the Museum (Z).

BUSK (George) [1807-1886]

38 unpublished lithographic plates, representing types of Human Crania, drawn by G. Busk (P).

A large collection of manuscript note-books and original drawings, published and unpublished, relating to his Catalogue of Marine Polyzoa in the British Museum and Report on Polyzoa collected by H.M.S. Challenger. 1852–1886 (Z).

BUTE 3rd Earl of

See MILLER (John)

BUTLER (Arthur Lennox) [1873-1939]

A tentative list of the birds of the Sudan in autograph, also a manuscript catalogue of Egyptian birds, c. 1914 (Z).

BUTLER (Edward Arthur) [1843-1916]

MS. list of eggs in the Butler collection I vol. Notes relating to this collection, I vol. c. ISSO (Z).

BUTTERFLIES

Nature printed butterflies and moths of Europe. 24 vol. c. 1800 (E).

C. (J. H.)

Large water-colour drawing of a fish, Otolithus atclodus Gunth., 1885 (Z).

CAESALPINUS (Andreas) [1516–1603]

A manuscript of this celebrated Italian physician and natural philosopher Caesalpinus, entitled "A. Caesalpini epistola de methodo Rei Herbarie praefixa horto suo sicco qui nunc Florentiae in Bibliotheca D. comitis R. Pandulphini adservatur," Pisis, 1563, is in the Museum (B).

CALLCOTT (Lady Maria)

See GRAHAM (Mrs Maria)

CALDWELL (J.)

See MOON (Maley de C.) Mrs

CALEY (George) [1770? -1829]

Caley was sent out by Sir Joseph Banks to collect plants in New South Wales. His autograph manuscript: Journals of tours in New South Wales with descriptions of plants collected, letters to Robert Brown 1817–23 and Memorial to the Lords Commissioners, 2 vol. formed an item in the Banksian Collection (B).

CALMAN (William Thomas) [1871-1952]

Keeper of Zoology 1927 to 1936. A portrait by W. T. Mornington is preserved in the Department (Z).

CAMBRIDGE (Frederick Octavius Pickard) [1860-1905]

Seven water-colour drawings of lepidoptera and larvae, 1894 (E).

CAMPBELL-TAYLOR (J. E.)

See TAYLOR (J. E. Campbell-)

CAMELLUS, or KAMEL (Georgius Josephus) [1661–1706]

Kamel went as Jesuit missionary to the Philippines.

A volume of pen-and-ink drawings with autograph descriptions entitled, "Descriptiones Fruticum et Arborum Luzonis," formerly in Sir Hans Sloane's library, was transferred from the MSS. Department in 1884 (B).

CAPE OF GOOD HOPE

A collection of early drawings of Cape plants c. 1685. Some are the originals or copies of such for a number of published plates in works of the period (Boerhaave; Burmann; Weinmann) (B).

CARADJA (Aristide) Prince

89 water-colour drawings of Pyralidae (E).

CARMICHAEL (Dugald) [1772-1840]

Manuscript Catalogue of Plants collected in Mauritius and Bourbon in 1812–1814 (B).

Manuscript Gramina Capensia [and descriptions of Cape Plants] (B).

CARPENTER (Philip Herbert) [1852-1891]

A collection of autograph letters, 1884-85, relating to his Catalogue of the Blastoidea in the British Museum (P).

CARPENTER (William Benjamin) [1813-1885]

For some years before his death Dr. W. B. Carpenter had been collecting materials for a monograph on "Eozoon." These included 129 water-colour drawings, by A. T. Hollick and C. Berjeau, with 116 photographs and prints, now mounted and bound in three volumes. They were presented by his son, the Rev. J. Estlin Carpenter, in 1892 (P).

54 original drawings illustrating the Report on the microscopic structure of Shells by W. B. Carpenter, published in the *Rept. Brit. Assoc.* 1844 & 1847 and a manuscript list of the 671 preparations described and figured in this work are also preserved (Z).

CARROLL (Isaac) [1828-1880]

262 original pencil drawings, roughly coloured, of Lichens, the work of I. Carroll, and his autograph Catalogue of the Plants of Iceland were purchased, with his Herbarium, in 1874 (B).

CARRUTHERS (Alexander Douglas Mitchell)

MS. note-book relating to birds collected in Mongolia and Central Asia, 1910–1911 (Z).

CARRUTHERS (William) [1830–1922]

Keeper of the Botanical Department from 1871–1895. 118 coloured drawings copied from Bulliard *Les Champignons de France* were presented in 1921. A large collection of his autograph correspondence is also preserved in the Museum (B).

CARSA (J. H.)

A water-colour of Otolithus atelodus Gunth. painted in 1885 (Z).

CARTER (Howard)

One framed water-colour drawing of a bird (T).

CARTER (Tom) [1863–1931]

Two field note-books on the birds of N.W. and S.W. Australia compiled between 1887–1922, also a note-book and diary of a trip to Iceland in 1885 (Z).

CASSOWARIES

53 original drawings of Cassowaries by J. G. Keulemans, H. Grönvold and others. 1900–30 (Z).

CASTELVETRI (Giacomo)

A manuscript entitled "Brieve racconto di tutte la Radici, di tutte l'Herbe et di tutti Frutti, che crudi o cotti in Italia si mangiano," &c., 4to. Londra, 1614, by G. Castelvetri, forms the Banksian MS. No. 91 (B).

CATE (H. G. ten) [1803-1856]

One water-colour depicting seven insects (E).

CAVE (Francis O.)

Typescript field notes of the Sudan Ornithological Expedition 1948–1949 and a note on birds not previously recorded from the Southern Sudan (Z).

See also MASON (Kenneth) & CAVE (F. O.)

CAYLEY (Neville)

One original water-colour drawing of the Superb Blue Wren was acquired with the Rothschild bequest (Z).

CERNOSVITOV (Leon) [1902–1945]

A collection of L. Cernosvitov manuscript notes on Oligochaeta is preserved in the Museum (Z).

CEYLON

Cathalogus van Ceijlonse Planten &c. ff. 37. 18th century (B).

CHALLENGER, H.M.S.

The famous scientific expedition of the "Challenger" covered the years 1873–1876. Manuscript comprising the diaries of Sir John Murray, J. J. Wild, R. von Willemoes-Suhm; the ship's log, soundings book, records relating to the publication of the Challenger Reports and numerous notes by various authors on the plants, animals and deep-sea deposits collected during the voyage are preserved in the Murray Library (M).

CHAMPERNOWNE (Arthur) [1839–1887]

One MS. notebook with details of the Champernowne collections of fossils (P).

CEPHALOPODS

278 original water-colour drawings of Oriental Fishes and Cephalopoda. 2 vol. Many of the drawings are named in C. Tate Regan's holograph but the origin of the collection is unknown (Z).

CHANCE (Edgar P.) [1881-1955]

Nine diaries and note-books containing observations on birds over the period 1921–1926 and a quantity of manuscript material relating to eggs of birds, also a typescript list of the eggs as arranged in his cabinets. I vol. (Z).

CHANNON (P. J.)

MS. details of the Channon collection of fossils with localities and disposals, 3 vol. and one notebook of localities arranged in alphabetical order (P).

CHAPIN (James P.)

Typescript list of the birds of the Belgian Congo, 1950 (Z).

CHAPMAN (Frederick) [1864-1943]

MS. lists of Foraminifera from Funafuti, together with typescript lists of Foraminifera and Ostracoda deposited in the Museum. c. 1902–1910 (Z).

CHASEN (Frederick Nutter) [1896–1942]

See ROBINSON, H. C. & CHASEN, F. N.

CHILDREN (John George) [1777-1852]

Manuscript catalogue of the collection of Mollusca in the British Museum up to 1822 (Z).

CHINA

220 water-colour drawings of Chinese plants and animals, by a native artist, with their names in Chinese. 2 volumes (in 1). The fly-leaf of each volume bears the inscription "Le Ch. de Robien Canton en Chine Année 1776." Forms the Banksian MSS. No. 27 & 28 (B).

CHINA

62 water-colour drawings of Chinese plants, by a native artist, with their Chinese names, and 16 other drawings subsequently intercalated (B).

See BLAKE (J. B.)

CHINA

39 water-colour drawings by native artists of Chinese Plants, Reptiles, Fish and Birds (L).

CHINA

13 original drawings on linen of insects, spiders and frogs were presented by H. E. Miller in 1945 (E).

CHRISTY (William Miller)

8 manuscript note-books, 1879-1938 (E).

CHUN (Carl) [1852-1914]

A number of autograph letters from Professor Chun to Sir John Murray, dated 1898–1899, relating to the Deutsche Tiefsee Expedition are preserved in the Murray Library (M).

CHURCH (Arthur Henry) [1865-1937]

His manuscripts and original water-colour and ink drawings include those for his *Types of Floral Mechanism* 1908, also some autograph letters are preserved in the Museum (B).

CIRILLO (Domenico) [1739-1799]

The Italian doctor and naturalist, Cirillo, wrote largely on botany. He corresponded with Brownlow, Earl of Exeter, and an autograph letter to that nobleman on Sicily, giving a list of the flora, with the unpublished MS. of his "Institutiones Botanicae juxta methodum Tournefortianum" form the Banksian MSS. No. 66 and 76 (B).

CLEVELEY (John) [1747-1786]

Cleveley, the marine painter, was employed by Banks as draughtsman on the voyage to Iceland, and he also prepared finished drawings from the sketches made by Sydney Parkinson during Captain Cook's first voyage round the World in 1768–71. These are preserved with the Parkinson drawings to which they refer (B).

CLIFT (William) [1775–1849]

Manuscript memoranda relating to the sale of old and duplicate specimens of natural history and anatomical articles by the British Museum to the Royal College of Surgeons in London. 1809 (L).

COATES (C. A. M.) Miss

Two volumes of water-colour drawings of Malayan plants from the Kinta Valley Region, and 22 loose drawings, 1922–1924, also 45 drawings of Malayan plants in 3 volumes (B).

COCKS (William Pennington) [1791–1878]

Contributions to the Flora of Falmouth. I vol. MS. 1856 (B).

CODRINGTON (Thomas)

Original manuscript section of Whitecliff Bay, Isle of Wight, 1882 (P).

COKE (Thomas William) Earl of Leicester [1752-1842]

Correspondence with W. Roscoe on the subject of the Holkham Catalogue, 1820–30 (B).

COLDEN, afterwards Farquhar (Jane) [1724-1766]

Jane Colden was daughter of Cadwallader Colden, the botanist, and Governor of New York. Her autograph "Flora Nov-Eboracensis" forms the Banksian MS. No. 99 (B).

COLE (William Willoughby) 3rd Earl of Enniskillen [1807–1886]

Besides MSS. relating to his collection of fossil fish, Lord Enniskillen presented in 1885 three transcripts by Mary Anning, the famous fossil collector of Lyme Regis, of papers in the *Transaction of the Geological Society* with copies in pencil of the plates.

Manuscript catalogues of fossil vertebrates in the collections of Lord Enniskillen and Sir Philip Egerton, 1872–1874, 5 vol. were also presented (P).

A series of his autograph letters addressed to A. Günther, 1861–1885, is preserved in the Günther Collection (L).

COLEY (Hilda Maud)

Three sketch books containing water-colour and pencil drawings of British plants, 1924–38, 77 drawings of wild and cultivated plants and 9 drawings of eacti are preserved in the Museum (B).

COLLINSON (Peter) [1694–1768]

Peter Collinson, the naturalist and antiquary, traded with the American Colonies, and some of his collections were in Sir Hans Sloane's Museum. His autograph "Account of the Introduction of American Seeds into Great Britain," 1766, is preserved also an autograph letter dated June 2nd 1742, addressed to S. Brewer (B).

COMANS (Michiel) [-1687]

One original water-colour drawing of Cyprinus brama, signed and dated 1673 (Z).

COMBER (Thomas) [1837–1902]

49 boxes of an illustrated manuscript catalogue of the T. Comber Diatom Collection. Presented in 1902 (B).

CONCHOLOGICAL SOCIETY OF LONDON

One box file and two loose leaf binders containing records of distribution of Mollusca in the British Isles.

The collection of manuscripts acquired by the Conchological Society was housed

in the Museum for a number of years and subsequently presented to the Trustees. These MSS. are listed under the relevant authors, namely—ADAMS, L. E.; ROEBUCK, W. D.; TAYLOR, J. W. and MANCHESTER CONCHOLOGICAL SOCIETY.

CONISBEE (Lewis Ralph)

An unpublished typescript of "Index generum avium, 1901–1950" is preserved in the Museum (Z).

CONNOLLY (Matthew William Kemble) [1872-1947]

MS. lists of African Mollusca in the Museum, c. 1928 and the typescript of his Monographic Survey of South African Non-marine Mollusca, published in Ann. S. Afr. Mus 33, 1939 (Z).

COOK (James) [1728-1779]

Of MSS, and drawings relating to Capt. Cook's three celebrated voyages the Museum possesses:—

First Voyage, 1768-71.

A transcript of Sir J. Banks' journal (B).

Copious manuscript lists and descriptions of the Animals and Plants collected. By D. C. Solander (B, Z).

A large collection, filling twenty-one volumes, of the original drawings by S. Parkinson (with finished drawings prepared from his incomplete sketches, by T. Burgiss, J. Cleveley, J. Miller, J. F. Miller and F. P. Nodder) of the Animals and plants obtained (B, Z).

Second Voyage, 1772-75.

Short manuscript descriptions of the Birds observed. By W. Anderson (Z). The original pencil and water-colour sketches of Animals and Plants made during the voyage. By J. G. A. Forster (B, Z).

Third Voyage, 1776-80.

Manuscript descriptions of the Animals and Plants by W. Anderson (B, Z). 115 original water-colour drawings of the animals observed and two of plants by W. W. Ellis (Z) and (B). One water-colour drawing by J. Webber (B).

COOK (W. H.) of Snodland

The "Halling Man" research, and other anthropological papers, with newspaper cuttings, photographs and letters, 1912–25 (P).

COOKE (Alfred Hands) [1854–1934]

List of Japanese Mollusca, with localities, purchased from the Rev. A. H. Cooke in 1911 (Z).

COOKE (Mordecai Cubitt) [1825-1914]

Three note-books containing manuscript on "Pestiferous fungi on cultivated plants" and one containing determinations of fungi sent to M. C. Cooke, also a collection of original coloured drawings of Cryptogams (B).

13 volumes of mounted plates, original water-colour and pencil drawings of higher British fungi; some of the original drawings are by Cooke (B).

COPE (Edward Drinker) [1840–1897]

10 autograph letters from E. D. Cope to A. Günther, 1863–1888, are preserved in the Günther Collection (L).

CORBET (Alexander Steven) [-1948]

Typescript catalogue of Bombyces and Sphinges recorded from the Malay Peninsula (E).

CORFE (B. O.)

1,021 water-colour drawings of plants and pencil drawings of flower sections, are preserved in the Museum (B). Some were issued in the Postcard Series on British Plants.

CORNWALLIS (Lindon)

A manuscript provisional check-list of the reptiles of Iran. Compiled from literature and card indices in the Museum, 1966 (Z).

COSTA (Emanuel Mendes da)

Six original water-colour plates on vellum, 2 of plates in *Conchology*, London, 1770–72 and 4 others probably intended to illustrate the same work, 1771 (Z).

COTTA (Heinrich) [1763-1844]

Manuscript "Catalog der verkäuflichen Cottaischen Dendrolithen Sammlung" vol. 1839 (P).

COTTAM (A. P.)

MS. faunistic lists of Rhopalocera of the Dutch East and West Indies, 1940 (E).

COTTON (Arthur Disbrowe) [1879-

A collection of original drawings in pencil and colour of the gill structure of British Basidiomycetes (B).

COTTON (John) [-1849]

An original water-colour painting of the garden warbler, with a manuscript note on the artist by Lady Casey, was presented in 1961 (Z).

COUCH (Benjamin)

Manuscript account of experiments and observations on Timber, 36 ff., c. 1840 (B).

COUCH (Jonathan) [1789–1870] and others

A portfolio of 47 drawings, variously signed and coloured, some unmounted, of primative marine life &c. also an autograph summary of Baron Cuvier's *Histoire Naturelle des Poissons* (Z).

Couch's annotated copy of W. Yarrell's *History of British Fishes*, with many notes and additions, is also preserved in the Museum (Z).

A series of autograph letters from J. Couch to A. Günther, 1860–1867, is preserved in the Günther Collection (L).

COVELLI (N.)

See MONTICELLI (Teodoro)

COWAN (William Deans)

52 original drawings of Madagascar Orchids, by the Rev. W. D. Cowan, were

purchased in 1883 (B). One volume of water-colour drawings of insects, shells and eggs of Madagascar, c. 1880 (E).

CRACHERODE (Clayton Mordaunt) [1730-1799]

Manuscript catalogues of the Cracherode collection of shells; one volume in octavo dated 1791 is in his own autograph and shows the price paid for each specimen, the other in quarto, circa 1801, is attributed to Edward Whitaker Gray, Keeper of the Natural History Department at the time (Z).

There is also a catalogue of the Cracherode Mineral and Fossil collections bequeathed in 1799, and a copy of this compiled by E. W. Gray details the prices paid by Cracherode (M).

CRAMER (Pieter) [-1779]

370 sheets of 2,709 original water-colour drawings for the illustrations of the author's De uitlandsche Kapellen (E).

CRAWFORD (C. W. A.)

Eight water-colour drawings of British wild and cultivated plants, painted on vellum, artist unknown, probably 18th century, were presented by Captain C. W. A. Crawford in 1922 (B).

CRAWSHAY (Richard)

183 original coloured drawings of Russula were presented in 1954 (B).

CRICK (George Charles) [1856-1917]

"On the muscular attachment of the animal to its shell in some Fossil Cephalopoda (Nautiloidea)". Unpublished manuscript, c. 1915 (P).

CRINOIDS

10 original water-colour drawings of Crinoids, unsigned (Z).

CROMBIE (James Morrison) [1833-1906]

MSS. connected with his work on Lichens, 11 vol. 1894.

Contains: unpublished introduction to the "Monograph on Lichens" I vol.

MS. of Vol. 1 of the "Monograph" (incl. pls.) 5 vol.

MS. draft of Vol. 2. 2 vol.

MS. enumeration of Lichens. 3 vol. (B).

CROSSLAND (Cyril) [1878-

Unpublished typescript with accompanying photographs and plans on the cultivation of mother-of-pearl shell in the Red Sea 1922–1929, also manuscript notes on Polychaeta (Z).

CROW (Francis)

"A Catalogue of rare fossil Fruits (—of minute fossil Shells, etc.) from Sheppy Island", etc., in the collection of F. Crow of Faversham, 1810, etc., with 831 pencil drawings is preserved in the Museum (P).

CRUICKSHANK (A. H. P.) [1883-1915]

112 pencil sketches and water-colour drawings mainly of birds of India, also manuscript notes on birds, nests and eggs (Z).

CUMING (Hugh) [1791–1865]

Sir Richard Owen's copy of an indenture relating to the trusteeship of the Cuming collection of shells, 1837 (Z).

See also BERNARDI (A. C.)

CUNNINGHAM (Allan) [1791–1839]

Allan Cunningham and James Bowie were sent out from the Royal Gardens at Kew to collect plants in Australia, via Rio de Janeiro.

MS. Journal 1814-15; 1817-1819.

MS. Catalogues of plants collected; lists of seeds, etc.; letters to Sir J. Banks, W. T. Aiton and R. Brown.

MS. of the Few general remarks on the vegetation of certain coasts of Terra Australia, which was appended to P. P. King's Narrative. . . . (B).

CUNNINGHAM (Richard) [1793-1835]

Manuscript index to *Novae Hollandiae plantarum specimen*, by J. J. Labilliardiere and *Prodromus florae Novae Hollandiae* by R. Brown, c. 1830 (L.)

CURTIS (J.) and (C.)

The original pencil drawings by J. and C. Curtis for the illustrations to Bennett and Brown's *Plantae Javanicae rariores* are preserved in the Museum (B).

CURTIS (John) [1791–1862]

The author's own copy of *British Entomology* 1824–1939, together with 770 original water-colour drawings whichi llustrated this work, was acquired as part of the Rothschild bequest in 1937 (E).

CURTIS'S BOTANICAL MAGAZINE

Copies of the original drawings for the plates to Vol. 1-18 of the Magazine. 9 vol., 1777-1804 (B).

The originals are in the library of the Royal Botanic Gardens, Kew.

CUST (Mary Anne) Lady [1800–1882]

205 original water-colour drawings of fruit, flowers, and fishes made by Lady Cust during a voyage to the West Indies in 1839 and to Madeira in 1866 (L.).

CYPRUS SHELLS

Pen-and-ink drawings with manuscript descriptions of Cyprus shells, formerly in the possession of Col. F. S. Brown. 2 vol. (Z).

DACIA S.S.

MS. descriptions of soundings and list of Pteropoda obtained in 1883 are preserved in the Murray Library (M).

DALE (Samuel) [1659?-1739]

S. Dale, a physician and apothecary of Braintree, Essex, assisted John Ray with his botanical work; he also corresponded with Sir Hans Sloane. His annotated copies of T. Johnson's *Iter plantarum investigationis*... in agrum cantianum, 1629 and 1632, form Banksian MS. No. 96 (B).

MS. catalogue of John Ray's "Hortus siccus" (B).

DALZELL (N. A.) [1817-1878]

A collection of water-colour and outline drawings of plants (B).

DARWIN (Charles Robert) [1809–1882]

Manuscript lists and notes by C. R. Darwin, J. E. Gray and T. Bell relating to the Reptilia and Amphibia obtained by Darwin during the voyage of the Beagle, also one mounted manuscript sheet, being a list of Cirripeds, in his holograph (Z).

A number of autograph letters are contained in the collection of Richard Owen Correspondence, and the Handwriting Collection; this includes five sheets of his holograph text of the *Origin of Species* (L).

Two letters in Darwin's holograph dated 11th May, 1872 addressed to Albert Günther are preserved in the Günther Collection (L).

DAVIDSON (James) [1849-1925]

J. Davidson entered the Indian Civil Service in 1872 and served in the Bombay Presidency until he retired in 1897. His collections of bird skins, eggs and insects were bequeathed to the Museum and with them came 9 volumes of MS. notes on Indian birds, two diaries of journeys made in India and a manuscript catalogue of

his birds' egg collection in 6 volumes (Z).

DAVIDSON (Thomas) [1817–1885]

Davidson devoted his life to the study of the Brachiopoda.

The whole of his MSS, and drawings in 22 volumes with his library of 897 books and pamphlets relating to the Brachiopoda were presented in 1886 (P).

DAVIES (Claude G. Finch-) [1874-1920]

Twenty-one original plates of African Birds, with explanations, 1918-20 (Z).

DAVIES (Hugh) [1739-1821]

One volume of manuscript notes and original coloured drawings of British fungi (B).

DAVIES (Thomas) [c. 1739-1812]

Pencil notes made by H. W. England, with identifications by Sir Norman Kinnear, of a volume of water-colour drawings of animals known as the "General Davies Drawings", preserved in the library of the Earl of Derby and loaned by the 17th Earl to the Museum for a short period circa 1928.

Five signed water-colour drawings of birds by Davies are included in the Latham collection of drawings (Z).

DAVIS (Arthur George)

A collection of miscellaneous material relating to William Smith (1769–1839); comprising *inter alia* copies of correspondence, Smith's autobiographical notes, MS. notes on Smith's early geological maps &c. (P).

DAVY (Elizabeth) [-1836]

One volume of water-colour drawings of British lepidoptera, larvae and host plants (E).

DAVY (J. C.) Miss

48 water-colour drawings of British Orchidae, 1906-1912 (B).

DAWSON (Nelson)

A collection of water-colour drawings of plants, 1932 (B).

DAWSON (Warren Royal) [1888–1968]

Correspondence and photographs relating to W. R. Dawson's investigations into the history and whereabouts of specimens of the Quagga brought to Europe. 1948 (Z).

DAY (E. M.)

A collection of 1,407 original coloured drawings of British fungi was presented in 1934 and a further collection of 196 drawings was bequeathed in 1936 (B).

DEAKIN (Richard) [1809–1873]

A collection of manuscripts relating to Lichens (B).

De CRESPIGNY (Eyre Champion) [1821-1895]

De Crespigny became Conservator of Forests in India and Superintendent of the Botanie Gardens at Dapsorie.

A collection of his original drawings of Indian Plants was purchased in 1877 (B).

DEGON (E.)

Eight water-colour drawings of fishes, c. 1899 (Z).

DE GREY (Thomas) 6th Baron Walsingham [1843–1919]

A Trustee of the Museum for many years.

A series of autograph letters to A. Günther, 1878-1900, is preserved in the Günther Collection (L).

DELUC (Jean André) [1727–1817]

One autograph diary (No. 2), in French, covering the period June 1805-October 1805, detailing the writer's travels in England in this period.

On it was based the author's Geological Travels, Vol. 2, 1811 (P).

DERHAM (William) [1657–1735]

The original MS. of Derham's Life of Ray was purchased in 1884 (B).

DESCHAMPS (L. A.)

Deschamps accompanied Entrecasteaux as naturalist on the *Recherche* during the expedition in search of La Pérouse.

His unpublished autograph journals kept during the voyage and on his subsequent travels in Java, with materials for a Flora Javanica, water-colour sketches of Javan scenery, Plants (B), and animals (Z), as well as other notes and memoranda were presented in 1861.

DÉSÉGLISE (Pierre Alfred) [1823-1883]

A collection of letters addressed to P. A. Déséglise from numerous correspondents is preserved in the Museum (B).

DESHAYES (Gérard Paul) [1795–1875]

The author's holograph, which translated formed the article Conchifera in Todd's Cyclopedia of Anatomy 1835? (L).

DESMAREST (Anselme-Gaétan) [1784–1838] and LESUEUR (Charles Alexandre) [1778–1846]

Planches inedites sur les Polypiers flexibles. 14 plates. c. 1829.

These plates were apparently never published. They were engraved by Lesueur. According to a note in Sir Sidney Harmer's copy, now in the Museum library, the MS. of Desmarest & Lesueur, explaining the plates, was deposited by the authors in 1829 in the library of the "Museum de Paris", where it is still preserved (Z).

DETMOLD (Edward J.) [1883-1957]

One water-colour of an eagle owl. Bequeathed to the Museum in 1965 under the will of Mrs. W. L. M. Frick (L).

DEWEY (Chester) [1784–1867]

Francis Booth's copy of Dewey's *Caricography* which appeared originally in the *Amer. J. Sci.*, 1824–1861. This copy is made up partly of MS. copy of the original, partly of separates with MS. notes, drawings by Booth and three letters from Dewey to Booth (B).

DICKIE (George)

34 reprints of articles on Algae, with MS. notes and letters relating thereto from various correspondents, I vol. (B).

DIETZSCH (Johann Christoph) [1710-1769]

Three water-colour botanical drawings (B).

DILHEY

18 sh. original water-colour drawings of Senegal fishes, c. 1899 (Z).

DILLENIUS (Johannes Jacobus) [1687-1747]

Dillenius, first Sherardian Professor of Botany at Oxford from 1728, whose principal work was an *Historia Muscorum*, prepared his own illustrations for the plates; his original drawings for the first 79 plates of that work (the remaining 6 were drawn on the copper direct) form the Banksian MS. No. 56. There is also a collection of plates and the manuscript of *Fungi Catalogi Gissensis* (B).

A further extensive collection of drawings of higher plants and his letters written to Brewer in 1726–28 are also preserved (B).

DINKELL (Joseph)

A number of original drawings, chiefly of fossil vertebrate remains, by J. Dinkell, form part of the Owen Collection of Drawings, presented in 1893 (L).

DISCOVERY SS Antarctic Exploring Vessel

The Log Books of the "Discovery", 1901-04, are preserved in the Museum (L).

DITMAS (Frederick) [1811–1876]

An album of water-colour paintings of birds, reptiles, insects &c. and several commemorative cards was presented in 1967 (L.)

DODO

An original water-colour drawing of the White Dodo of Réunion by Pieter Holsteyn, the elder, c. 1580–1662 (Z).

DOGS

Five drawings of Chinese dogs by native artists were presented by Miss Oldfield in 1931 (Z).

DOLLMAN (Hereward Chune) [1888–1919]

One volume of water-colour drawings of larvae of north-west Rhodesian lepidoptera with manuscript notes and data, and one volume of data relating to the Dollman collection of insects 1916–1918; 540 drawings of caterpillars of British butterflies and moths, 4 vol.; 12 note-books on British beetles and one botanical note-book (E).

DOLLMAN (John Charles) [1851-1934]

MS. note-books relating to the Egg collection of J. C. Dollman. 3 vols. (Z).

Four volumes of original water-colour drawings of caterpillars of British moths and butterflies.

Some of these drawings were published in W. J. Stokoc's Caterpillars of British Butterflies 1944, and Caterpillars of British Moths 1948 (E).

A large framed painting in oils of tigers is also preserved in the Museum (Z).

DOLLMAN (John Guy) [1886-1942]

Three original water-colour drawings of mammals, published in *Proc. Zool. Soc. Lond.* 1933: 211-219 (Z).

DOUBLEDAY (Henry) [1809-1875]

An early autograph letter, dated 1829, of this 19th century collector of British lepidoptera is preserved in the Museum (E).

A framed portrait in oils was presented in 1877 (E).

DRAKE-BROCKMAN (R. E.)

See BROCKMAN (R. E. Drake-)

DROUGHT (Isabel)

89 water-colour drawings of plants of Ceylon, 1847–1851 (B).

DRURY (Dru) [1725–1803]

Letter book of Dru Drury, 1761–1783 being copies, nearly all in his own hand of his scientific and other correspondence; one manuscript note-book giving an account of the expenses of printing his *Illustrations of Natural History* with an account of the sales of that work, 1766–1789, also a volume of miscellaneous papers including letters from various correspondents, agreements with ship-captains, a genealogical table of the Drury family &c. (E).

DRYANDER (Jonas) [1748–1810]

On Solander's death, Dryander became librarian to Sir Joseph Banks. His manuscripts in connection with the catalogue of Banks' Library, a manuscript catalogue of the original drawings of animals in that library (Z), his manuscript notes for a memoir on the genus *Erica*, an index to the species described by Jacquin in the latter's correspondence with him, copious additions to Solander's manuscript slip catalogue and numerous manuscript lists, including one of the Plants collected by F. Masson in Madeira, as well as his correspondence (in I vol.), are preserved in the Muscum.

Also an autograph catalogue of plants in the Jardin Royal des Plantes at Paris, 1777 (B).

DUNKER (W.)

See BERNARDI (A. C.)

DUNN (Edward John) [1844-1937]

A collection of miscellaneous MSS. and typescripts, including a MS. bibliography of E. J. Dunn's publications. I vol. (P).

DUNSTAN (Benjamin) [1864-1933]

MS. notebooks, lists of collections, locality index, and catalogue of the figured, described or referred to specimens of Queensland type fossils, also a collection of correspondence with R. J. Tillyard concerning fossil insects, 1913–1923 (P).

DUPPA (Adeline Frances Mary)

Portfolio containing 55 drawings, mostly water-colour, of flowers from Italy and Madeira and of fungi from Ringwood, Hants., 1870–1885 (B).

DURAND (Philippe)

One small manuscript volume "De quibusdam Zoophitis quae in Sinu Gibraltarico reperiunter. Adjectis etiam nonnullis Plantis Marinus" 1796, contains 22 mounted specimens with autograph descriptions (B).

EATON (Mary Emily) [1873-1961]

200 water-colour drawings of North American plants, c. 1917 (B).

EDMONSTON (Thomas) [1825–1846]

The young Shetlander, Thos. Edmonston, who was one of the naturalists on board the *Herald*, had specially studied the Flora of Shetland and added the *Arenaria norvegica* to the British Flora. His *Flora of Shetland* was published in 1845, and his autograph notes, begun in 1837, for this work are preserved in the Museum (B).

EDWARDS (Frederic Erasmus) [1799-1875]

MS. catalogue of the Edwards collection of fossil animals (P).

EDWARDS (Gerard)

A small collection of water-colour drawings and pencil sketches of British plants, 1832–1860 (B).

EDWARDS (Sydenham Teast) [1768-1819]

Edwards was a botanical and zoological artist and editor of the *New Botanic Garden*. Some of the original drawings for this work were acquired in 1895 and 1896 (B).

EGERIA, H.M.S.

MS. notes on the Foraminifera and list of soundings made on the cruise of H.M.S. "Egeria" in 1887–88 are preserved in the Murray Library (M).

EGERTON (Sir Philip de Malpas Grey) [1806–1881]

A series of his autograph letters addressed to A. Günther, 1864–1880, is preserved in the Günther Collection (L).

See also COLE (William Willoughby) 3rd Earl of Enniskillen

EHRET (Georg Dionysius) [1708-1770]

Ehret came to England about 1740. He furnished illustrations, among other works, for Trew's Plantae Selectae, and P. Browne's Civil and Natural History of Jamaica, and the original drawings for these illustrations are preserved in the Museum. 65 original water-colour drawings of plants from the collection of Sir R. More and 4 volumes of original drawings of rare plants, fruits and seeds, forming the Banksian MSS. No. 16 [106-109], with 22 drawings of plants collected in Newfoundland by Sir J. Banks (five of which were used for illustrations to Aiton's Hortus Kewensis), came with the Banksian library. Of other drawings by Ehret, 17 were purchased in 1877 and 20 in 1878 and 1896. The Museum also possesses an autograph autobiography and other manuscripts of Ehret as well as a "Life" of him in the handwriting of C. J. Trew (B).

EIGENMANN (Carl H.) [1863-1927]

Four letters from C. H. Eigenmann to A. Günther, 1901–1910, are preserved in the Günther Collection (L).

ELIOT (Sir Charles) [1862-1931]

Four note-books and one box file containing descriptions of nudibranch Mollusca (Z).

ELLIS (Arthur Erskine)

Book of nature study. Land and freshwater mollusca. pp. 20, 57 drawings. The author's corrected galley-proof of his contribution to a projected new edition of Farmer's Book of Nature Study, which was never published. Included are an explanatory letter and the author's agreement with the publisher. 1946 (Z).

ELLIS (R. A.)

Eleven original coloured drawings of slugs, dated between 1929–1935. (Z).

ELLIS (William W.) [-1785]

Ellis accompanied Captain Cook on the latter's third voyage to the Pacific in the capacity of artist.

115 original water-colour drawings by him of the animals met with form the Banksian MS. No. 33 (Z).

There are also two botanical drawings, one bearing the locality Kamshatka, the other North West America (B).

ELWES (Henry John) [1846–1922]

MS. catalogue of birds' eggs in the collection of H. J. Elwes, 1860-1911 (Z).

ENGLEHEART (Henry) [1801–1885]

Magnified drawings of Australian and Ceylonese Zoophytes bound in two volumes together with a set of tracings of the drawings, also a manuscript list of Sea-weeds and Zoophytes collected and arranged by Mrs. Leopold Grey and the Revd. Henry Engleheart (Z).

ENNISKILLEN 3rd Earl of

See COLE (William Willoughby)

ENYS (John D.) [1837-1912]

A series of 114 autograph letters of J. Ray and his contemporaries was presented by J. D. Enys in 1884 (B).

EVANS (Caleb) [1831-1886]

Evans made a special study of the geology of the London basin and south of England, and had special opportunities of collecting from sections made during the main drainage works.

His manuscript notes and drawings, in 3 volumes, were presented in 1889 (P).

EVANS (R.)

Notes on 19 species of Pelecypoda and drawings of the gills with MS. descriptions (Z).

EVANS (William Harry) [1876–1956]

MSS. and original drawings of the author's publications on Hesperidae (E).

EVERSHED (M. A.)

Manuscript notes on the plants collected in the Pulney Hills, India. The plants were presented to the Museum in 1957 (B).

FACCHINETTI (Nicolo)

Nine original water-colour drawings of Fishes, and one of a Crustacean, from Rio de Janeiro, made from life and given to Dr. Naegeli by the artist, in 1866 (Z).

FALCONER (Hugh) [1808-1865]

Falconer served as surgeon on the Bengal Establishment of the Hon. East India Company. In association with his friend Captain Cautley he worked at the Siválik beds. In connection with their joint work on the Fauna Antiqua Sivalensis, he formed a large collection of drawings, which were presented in 1867 or 1868, and include:—

Sketches for 20 plates of Siválik fauna, including *Colossochelys* and Crocodile; sketches for 18 unpublished plates of Ruminant remains; 53 drawings in water-colour and pen-and-ink of Indian fossils, including sketches for plates: and a collection of 170 drawings in water-colour, pen-and-ink, or pencil, of various fossil Mammalia and a Chelonian, drawn by J. Dinkel, J. J. Kaup, and others (P).

FARQUHAR (William), Major-General [c. 1771-1839]

Six volumes of original drawings of the fauna and flora of Malacca were lent to the Museum in 1935 for an indefinite period, by the Royal Asiatic Society (L).

On some of the drawings are notes by Major-General T. Hardwicke, whose extensive collections of illustrations of Asiatic plants and animals were bequeathed to the Museum in 1835.

FARRE (Arthur)

124 sheets with 362 Nature-prints of south European butterflies and a few moths, collected mounted and presented to Sir Richard Owen in 1855 (E).

FEILDEN (Henry Wemyss) [1838–1921]

Manuscript diary of an expedition to the Arctic, July to October 1860 (P).

FEILDING (Hon. Mrs.)

A miscellaneous collection of water-colour drawings of North American and Asiatic plants, artists unknown, late 18th and early 19th century, was presented by Mrs. Feilding in 1914 (B).

FINCH (Louisa) Countess of Aylesford [1760-1832]

Catalogue of the Mineral collection of the Dowager Countess of Aylesford. 2 vol. The collection was formed during the years 1810–1832 and was sold at auction sales between 1834–1839. Some of the specimens were purchased for the British Museum at these sales, others were acquired at a later date (M).

Catalogue of British plants &c., 4 vol. 1784-1816 (B).

The drawings, bound in 27 volumes, were sold by auction in 1955, whereabouts now unknown but it seems likely that they were broken up and the drawings sold individually.

FINCH-DAVIES (Claude G.)

See DAVIES (Claude G. Finch-)

FISCHER von ROESLERSTAMM (Josef Emanuel) [1787-1866]

55 sheets of original drawings by J. E. Fischer von Roeslerstamm, C. A. F. Harzer, and J. Mann. The collection includes some hand-coloured unpublished plates for Fischer's *Schmetterlingskunde* (1834–43). c. 1835 (E).

FISHER (Robert) [1848–1933]

The manuscript of this author's *The English names of wild flowers*, 1932-34, was acquired in 1938 (B).

FISHES

Seven water-colour drawings of fishes, one inscribed "Albin fecit" (Z).

FISHES

19 original water-colour drawings of South American freshwater fishes, c. 1841 (Z).

FISHES

129 water-colour drawings of fishes, mainly Hawaiian, the majority painted by Mrs. E. G. Norrie c. 1910 (Z).

FISHES

278 original water-colour drawings of Oriental Fishes and Cephalopoda. Many of the drawings are named in C. Tate Regan's holograph but the origin of the collection is unknown (Z).

FISHES

54 sheets of original water-colour drawings of marine and freshwater fishes. East Indian species (Z).

FISHES

Four original water-colour drawings of western North Atlantic fishes (Z).

FITCH (J. N.)

A collection of original water-colour drawings made for B. S. Williams' *Orchid Album* 1882–1897 was presented by Lord Rothschild in 1920 (B).

FITCH (Walter Hood) [1817-1892]

13 original water-colour drawings of plants (B).

FLEGEL (C.)

298 water-colour drawings of insects and larvae. The drawings are undated but the binding is lettered "Frankfurdt 1622" (E).

FLEMING (John) [1747–1829]

Medical officer and botanist in India. A collection of drawings of Indian Plants that had been the property of Dr. Fleming was purchased in 1882 (B).

FLEMWELL (George Jackson) [1865-1928]

16 water-colour drawings of plants and insects (B).

FLETCHER (Sir Lazarus) [1854-1921]

Keeper of the Mineral Department 1880–1909, Director 1909–1919. Manuscript historical notes relative to the arrangement of the mineral collections in the Museum also historical memoranda on the Department, compiled in 1904 for the History of the Collections (M).

A series of his autograph letters addressed to A. Günther, 1887–1914, is included in the Günther Collection (L).

FLETCHER (Thomas Bainbrigge) [1878–1950]

A collection of manuscript notes on some families of Micro-Lepidoptera (E).

FLOWER (Sir William Henry) [1836–1899]

The following material is preserved in the Museum.

2 note-books containing pencil sketches.

8 manuscript note-books on the anatomy of the Mammalia.

A quantity of manuscript, relating to various lectures, illustrated by watercolour drawings and pencil sketches.

4 holograph note books containing descriptive and anatomical notes on mammals.

A collection of pencil sketches, water-colour drawings and photographs of animals.

Letters and notes relating mainly to Cetacea.

10 manuscript note-books (Z).

A series of his autograph letters addressed to A. Günther, 1869–1898, is included in the Günther Collection (L).

FLYING FISH, H.M.S.

Rough notes and descriptions of soundings made on the cruise of H.M.S. "Flying Fish" in 1887 are preserved in the Murray Library (M).

FORBES (Alistair Granville)

Two note-books containing details of birds, nest and eggs collected in South America 1913–1919 (Z).

FORBES (Edward) [1815–1854]

A collection of 18 autograph note-books on Natural History (L), also unpublished manuscript notes on British Plants observed in Lycia, Oct. 1841–June 1842 (B).

FORBES (Henry Ogg) [1851-1932]

26 original drawings of Sumatran and Javan Plants made by Forbes during his travels in the Eastern Archipelago, were acquired in 1884 (B), also a manuscript report on the Peruvian guano birds and guano islands made during the period 1911–1913 (Z).

FORSTER (Edward) [1765-1849]

MS. note-book containing "Extracts and observations from Dr. Goldsmith," "Sketch and explanation of the Orders in the System of Linnaeus" and with 54 tracings of various plants, c. 1817, also six note-books containing the botanical observations made by E. Forster from 1784–1848 (B).

FORSTER (John Reinhold) [1729–1798] and (Johann Georg Adam) [1754–1794]

J. R. Forster was naturalist on Captain Cook's second voyage to the Pacific, 1772-75. His son, J. G. A. Forster, acted as his assistant and as artist on the expedition. His original water-colour and pencil drawings of the Animals and Plants observed on that occasion, filling 4 volumes, form the Banksian MSS. No. 6-9 (B and Z). A photocopy of "Observationes Historiam Naturalem Spectantes quas in Navigatione ad Terras Australes instituere coepit G. F. Mense Julio Anno MDCCLXXII" is in the Museum (L). The original manuscript is preserved in the Museum National d'Histoire Naturelle, Paris.

MS. catalogues of plants collected on Cook's second voyage; a numbered sequence and others of particular areas arranged according to the Linnaean system (B).

FOUNTAINE (Margaret E.) Miss

862 original water-colour drawings of Lepidoptera larvae and pupae with their food plants, 1907–1939 (E).

FOX (William Darwin) [-1882]

Holograph list of fossils in the collection of the Rev. W. Fox, purchased in 1882 (P).

FRASER (Frederick Charles) [1880-1963]

Original water-colour drawings in one volume lettered *Larvae Lepidoptera Indica*, 1908–1918 (E).

FRASER (John) Botanist

The original water-colour drawing of *Thalia dealbata*, by James Sowerby, issued by Fraser in 1794, and a partially coloured proof (B).

FRASER-BRUNNER (A. F.)

See BRUNNER (A. F. Fraser-)

FREEMAN (Ernest Carrick)

MS. catalogue of a collection of British and foreign shells, marine, freshwater and land. 2 vol. 1869–1929 (Z).

FROHAWK (Frederick William) [1861–1946]

69 original drawings of mammals, mostly in water-colour, some in black and white, 74 drawings of birds, 6 water-colour drawings and 2 pencil sketches of reptiles and 1 water-colour of a fish. 1 framed water-colour painting of a Dodo, dated 1905 (Z).

5 framed water-colour drawings of birds and six of mammals (T).

Numerous original drawings of lepidoptera published in works of this author (E).

FRY (N.)

MS. catalogue of Travancore birds collected by Major Fry, with notes on preparing bird skins, c. 1880 (Z).

GAEDE (Max)

MS. catalogue of Microlepidoptera, c. 1940, contained in eleven files (E).

GANDY (Henry Garnett) [1860-1939]

MS. Game Book, illustrated with pen and ink drawings, photographs and presscuttings, containing sporting records kept by H. G. Gandy from 1876–1929 (Z).

GARDINER (A. C.)

Eight MS. log-books on the ecology of the River Shannon and Lough Derg, 1920-1923 (Z).

GARRETT (Andrew) [1823-1887]

489 original water-colour drawings of South-Sea Fishes by A. Garrett, with his manuscript explanations and notes. These are the drawings and notes utilized by Dr. A. Günther for his monograph in the *Journal des Museum Godeffroy* (Z).

GARRIGA (Joseph)

"Description of the Skeleton of a very large and rare Quadruped [Megatherium] contained in the Royal Cabinet of Natural History of Madrid, 1796" foll. 129. A manuscript transcription of the original text, accompanied by a translation, on opposite pages, both by W. Clift, ? 1838 (P).

GARSTANG (Walter) [1868–1949]

A collection of original drawings of Ascidians collected during the British Antarctic (Terra Nova) Expedition, 1910, and intended to illustrate a report on these animals; this report was never compiled. The drawings without initials are reputed to be by Dr. Garstang, those initialled I.H.G. are by his assistant (Z).

GAY (Jacques Étienne) [1786-1864]

Manuscript biography, in French, of P. Barker-Webb, 1856. Gay's notice of P. Barker-Webb in *Bull. Soc. Bot. France* 1856 was founded on this (B).

GEFFCKEN (William)

1914 original water-colour drawings of lepidoptera, 1868–1888 (E).

GEIKIE (James)

Lectures on Geology, Edinburgh University 1881–82. [MS. notes by R. J. Harvey-Gibson] I vol. (P).

GEOLOGICAL COLLECTIONS

Manuscript catalogues of the numerous collections acquired since 1837 (P).

GERARD (John) [1545-1612]

Besides his "Herbal," Gerard wrote a Catalogus Arborum . . . ac Plantarum . . . in horto J. Gerardi . . . nascentium . . . 1596, of which rare work a copy in manuscript forms the Banksian MS., No. 89 (B).

GETTYSBURG, U.S.S.

MS. descriptions of soundings made on the cruise of U.S.S. "Gettysburg" in the Atlantic Ocean in 1876 are preserved in the Murray Library (M).

GIBSON (Ernest)

Three note-books containing information on bird skins and eggs collected in South America 1893–1919 (Z).

GILL (Theodore Nicholas) [1837–1914]

14 autograph letters from T. N. Gill to A. Günther, 1861–1873, are preserved in the Günther Collection (L).

GODART (Jean Baptiste) [1775–1825]

548 original water-colour drawings on vellum by several artists for his *Histoire* naturelle des Lépidoptères . . . de France (E).

GODMAN (Frederick Ducane) [1834-1919]

A steel letterbook containing copies of letters written to various persons between 23rd May 1879 and 24th November 1898 (L), also a manuscript catalogue of his birds' egg collection, 4 vol. (Z).

A series of his autograph letters addressed to A. Günther is included in the Günther Collection (L).

GODMAN (Frederick Ducane) [1834–1919] and SALVIN (Osbert) [1835–1898] These two 19th century zoologists became fast friends when undergraduates at Cambridge and this friendship only terminated with Salvin's death.

Their great joint work, the *Biologia Centrali-Americana* was commenced in 1879 and completed in 1915; it comprised 63 volumes. A considerable amount of correspondence, note-books and other manuscript material relating to this work is preserved in the Museum (Z), also many of the original drawings for the insect volumes (E).

GODWIN-AUSTEN (Henry Haversham)

See AUSTEN (Henry Haversham Godwin-)

GOEDART (Johann) [1620–1688]

Two sheets of water-colour drawings of insects and larvae (E).

GOLYNOS OAK

MS. Memorandum on the Golynos Oak, by George Harry, 5th Earl of Stamford, March 6, 1811. MS. notes on the Golynos Keven Oak sent by the Rev. Anchitel Grey to William Clift, 1815 (B).

GOODENOUGH (Samuel), Bishop of Carlisle [1743–1827]

The original drawings for the plates to Bishop Goodenough's "Observations on the British species of *Carex*" in the *Transactions of the Linnean Society*, vol. ii and iii, are preserved in the Museum (B).

GORDON (George) [1801-1893]

MS. list of plants gathered chiefly in the Province of Moray. I vol. 1829 (B).

GOSSE (Philip Henry) [1810-1888]

Some autograph note-books on Infusoria and Actinologia dated 1849 are preserved in the Museum (Z).

MS. note-book containing descriptions of the genital prehensors in the Papilionidae, 1882 (E).

MS. note-book on the culture of various plants also original water-colour paintings of specimens flowered by P. H. Gosse, 1863-75 (B).

An autograph letter dated 22nd May 1883 is included in the A. Günther Collection (L).

GOULD (John) [1804-1881]

Autograph letters, manuscript notes and drawings relating to Australian Mammals and Birds also autograph letters to Sir W. Jardine, c. 1848–1869. Two framed water-colour paintings of Trout, dated 1862. These were presented by Mrs. Edelsten in 1967 and are attributed to J. Gould (Z).

A pastel vignette of Gould dated 1875, signed by Marian Walker a miniaturist who exhibited at the Royal Academy between 1854 and 1877 was purchased in 1938 (Z).

GOULD (Mrs. Rachel) [1739-1829]

Sister of Philip Rashleigh, q.v. and wife of John Gould of Truro. Three original water-colour drawings of Minerals were acquired with the collection bequeathed by Sir Arthur Russell in 1964 (M).

GRAHAM (Maria) Mrs. [1785-1842]

The Museum possess one example of this artist's work dated 1826 (B).

GRANT (William Robert Ogilvie) [1863-1924]

Autograph account of the Sokotra Expedition, 1898-1899 (Z).

GRAY (David)

A number of pencil sketches of Whales (Z).

GRAY (Elizabeth) [1831-1924]

A collection of manuscript material together with some volumes of her scientific correspondence relating to fossils (P).

GRAY (George Robert) [1808-1872]

14 water-colour drawings of birds from G. R. Gray's collection (Z).

GRAY (John Edward) [1800-1875]

Keeper of the Zoological Department from 1840 to 1875, Gray presented in 1861 to that Department 89 volumes of Zoological works and pamphlets, including the manuscript notes by C. R. Darwin, T. Bell, and himself on the Reptiles and

Amphibia collected during the voyage of the *Beagle*. He was a constant donor to his department thereafter (Z).

In 1865 he presented the MSS, and botanical drawings of R. A. Salisbury (B).

On his death in 1875 his widow presented many other works and drawings, of which the most noteworthy are the original water-colour and pen-and-ink drawings of animals made by A. Adams on the voyage of the *Samarang*, and the 65 original water-colour drawings of Chelonia by J. de C. Sowerby used for the illustrations in T. Bell's *Monograph of the Testudinata* and Sowerby and Lear's *Tortoises* (Z).

At a later date the Museum acquired a manuscript volume of his lectures on Plants and Insects, probably delivered about 1819–1820 at Graingers School of Medicine, near the present Guys Hospital, also a considerable amount of autobiographical material which has been mounted and bound in a folio volume (L).

A marble bust of Gray stands in the Zoological Library.

GRAY (Mrs. Robert)

See GRAY (Elizabeth)

GREEN (Edward Ernest) [1861–1949]

The original drawings for his Coccidae of Ceylon 1896–1922, are preserved in the Museum (E).

GREEN (James)

536 original drawings used to illustrate the Catalogue of the fresh-water fishes of Africa in the British Museum by G. A. Boulenger, 1909–1916, and 9 water-colour drawings of reptiles (Z).

13 original water-colour paintings of reptiles were acquired with the Rothschild bequest in 1937 (T).

GREG (Robert Philips) [1826–1906]

Manuscript supplement to the catalogue of the Thomas Allan collection of Minerals. I vol. (M).

GREGOR (William) [1761-1817]

See HAWKINS (John)

GRENFELL (J. G.)

MS. list of collection of Carboniferous Crinoidea purchased in 1891 (P).

GRENVILLE (William Wyndham, Baron) [1759–1834]

A manuscript list of 189 specimens of Peruvian minerals, presented in 1809 (M).

GREVILLE (Robert Kaye) [1795-1866]

A manuscript catalogue of Diatoms, also one volume of correspondence from G. A. W. Arnott and other contemporary botanists (B).

GRIFFITH (W.)

One water-colour drawing of a flower called a "Blue Mountain Waratah" commissioned by George Sutton of Parramatta, 1857 (B).

GRIFFITHS (Amelia Elizabeth) Miss [1802–1861]

23 original water-colour drawings of British fungi (B).

GRIFFITHS (Moses) [1743-1819]

Was the servant of Thomas Pennant for whom he drew and engraved illustrations for some of his works. Three original botanical drawings published in John Lightfoot's *Flora Scotica* 1777 are preserved in the Museum (B).

GRIMMOND (William)

One water-colour drawing of a primate, 1906 (Z).

GRISET (Ernest) [1844-1907]

One original water-colour painting of a Cinerous Vulture (Z).

GRONOVIUS or GRONOW (Laurentius Theodorus) [1730-1777]

Gronow was a Senator of Leyden and one of the best ichthyologists of his day. His collection, and a manuscript description of it illustrated by numerous original drawings, were purchased at an auction in London in 1853 (Z). The manuscript was afterwards printed and issued in 1854 as one of the Museum catalogues.

GRÖNVOLD (Henrik) [1858–1940]

10 pencil drawings made for H. E. Howard's *British Warblers*, published 1907–1914, also the original drawings of birds and birds' eggs for the postcard series and other publications issued by the Museum.

12 pen and ink sketches of skulls of mammals, 6 black and white drawings of heads of birds, 7 water-colour drawings of birds, 3 of eggs and 2 of reptiles (Z).

Framed water-colour drawings, I bird (Z), I mammal and 2 birds (T).

GROVE (William Bywater) [1848-1938]

A collection of original coloured and pencil drawings of micro-fungi, mostly British, also three note-books and manuscript notes on "New and noteworthy fungi" later published in the Journal of Botany (B).

GUDE (Gerard Pierre Laurent Kalshoven) [1858-1924]

Manuscript material comprising—Catalogue of the molluscan families Endodontidae and Helicidae; 13 volumes of faunal tests of mollusca arranged topographically with separate index; one volume of notes on fossil Helioidae (Z).

GUÉNÉE (Achille) [1809–1880]

Manuscripts containing :-

Guénée's observations on the synonymy of European lepidoptera, c. 1857.

Catalogue général des lépidoptères du Globe, c. 1860. Catalogue des Lépidoptères de ma Collection, 1863 (E).

GUENTHER (Albert Charles Lewis Gotthilf) [1830-1914]

Keeper of the Zoological Department from 1875–1895 and one of the most notable systematic zoologists of the 19th century. A large collection of his correspondence containing autograph letters from naturalists of many countries over the period 1850–1914 was purchased from his grandson in 1969 (L).

A bronze medallion portrait by Frank Bowcher is preserved in the museum (Z).

GUNTHER (Robert William Theodore) [1869-1940]

A collection of manuscript notes relating to the Lady Hippisley collection of Minerals (M).

A file containing autograph note-books and MSS, relating to his early work on marine zoology was included with the Albert Günther Collection purchased in 1969 (L).

GUPPY (Henry Brougham) [1854-1926]

Autograph notes on the rocks, plants and animals of the Solomon Islands, c. 1890 and six boxes of notes relating to rocks, plants and soundings of islands in the Antarctic Region, Indian Ocean and South Pacific (M).

GUPPY (P. Lechmere)

Manuscript correspondence and water-colour drawings of West Indian fishes made during the period 1902–1921 are preserved in the Museum (Z).

GURNEY (John Henry) [1819-1890]

The 19th century Norfolk ornithologist. Some of his manuscript notes and correspondence relating to birds of prey has been presented to the Museum (Z).

GWATKIN (E. N.) Miss

270 original water-colour drawings of British plants and a collection of drawings of British fungi (B).

GWATKIN (Henry Melvill) [1844-1916]

Manuscript and typescript lists relating to his collection of Mollusca, c. 1920 (Z).

HAIGH (George Henry Caton) [1860-1941]

Manuscript records of birds observed in Wales, 1888–1925 and Lincolnshire, 1888–1940. II vol. One volume containing a general record of birds observed, also a quantity of slips detailing the occurrence of birds and fishes in the British Isles (Z).

HALFORD (Frederic M.)

The author's manuscript of *The Dry-Fly Man's Handbook*, published in London 1913 (E).

HALL (Julian Gartner)

232 original drawings of plants. 3 vol. (B).

HAMILTON (Gerald Edwin Hamilton Barrett-) [1871-1914]

A manuscript journal of a trip to South Georgia in 1913–1914 (Z).

A collection of autograph letters addressed to Sir Norman Kinnear between 14th June 1904 and 16th November 1910 (L).

HAMPSON (Sir George Francis) Bart. [1860–1936]

Between 1895 and 1920 he was in charge of the Heterocera collections in the Museum and compiled the extensive Catalogue of the Lepidoptera Phalaenae in the British Museum of which 13 volumes plus 2 supplementary volumes appeared in print. On his retirement in 1920 he left behind manuscript for five volumes dealing with the sub-family Noctuinae and these are preserved in the Museum. In addition there are some Manuscript note-books relating to collections of insects made by Hampson in the Nilgiri Hills, c. 1888 (E).

HANCOCK (J.)

Twenty water-colour drawings of Indian birds. With descriptions by — Brookes 1869–1870 (Z).

HANLEY (Sylvanus Charles Thorp) [1819-1899]

One manuscript note-book relating to conchology (Z).

HANSEN (George) [1863-1908]

One volume of original drawings of monstrous flowers of cultivated Orchids with autograph introduction and descriptions, c. 1886 (B).

HAPPE (Andreas Friedrich) [1733-1802]

Six volumes of an apparently unpublished work entitled "Naturgeschichte der Insekten" containing 840 water-colour drawings of insects, arachnids and crustaceans with manuscript descriptions, 1773 (E).

One volume of original drawings of insects &c. (E).

One volume containing 85 water-colour drawings of fishes and one volume containing 118 drawings of reptiles, both with manuscript descriptions and dated 1775 (Z).

These are part of the Rothschild bequest.

HARDCASTLE (Lucy)

The MS. and original drawings of An introduction to the elements of the Linnean System of Botany 1830, are preserved in the Museum (B).

HARDENBURG (Cornelius van) [1755-1843]

Two original water-colour drawings of Cercopithecus mona (Z).

HARDWICKE (Thomas), Major-General in the Indian Army [1755-1835]

Hardwicke formed an extensive collection of illustrations of Asiatic zoology, besides making himself some botanical drawings and notes. The greater part of the collection is the work of native artists; but among the drawings of Fish (in addition to one of the four sets of drawings of Chinese Fish by a native artist that J. Reeves caused to be prepared) are included, some by Major Neeld, others by Major Farquhar, and copies from drawings by Buchanan Hamilton. There is also a series of drawings of Birds by T. W. Lewin.

The collection is composed of the following sets:—

22 original water-colour drawings of Plants made in the north-western provinces of India in 1796, with autograph descriptions (B).

56 water-colour sketches of Plants from the neighbourhood of Plettenburg Bay, S. Africa, by "C. H. W." and "I. W. B." with autograph descriptions by Major-General Hardwicke, 1812 (B).

Water-colour drawings of India and Chinese animals (Z), viz., 194 Mammals, 1,230 Birds, 65 Birds'-nests and eggs, 366 Reptiles, 813 Fish, 545 Insects, 94 Insect larvae, 58 Insects of Nepaul, 97 Arachnida, 233 Crustacea, 97 Mollusca and Radiata.

Water-colour drawings of animals of various countries (Z), viz., 85 Vertebrata and Invertebrata, 118 Mammals, 429 Birds, and 76 Birds by T. W. Lewin.

These sets, which are bound in 32 volumes, were bequeathed by Hardwicke with his specimens to the Museum in 1835, a sum of money being at the same time left

to defray the expense of publishing the scientific descriptions of them. The latter intention was, however, frustrated by a Chancery suit, instituted soon after his death. Some of the drawings were used for plates in J. E. Gray's *Illustrations of Indian Zoology*, and Jardine and Selby's *Illustrations of Ornithology*.

One folio volume of illustrations in water-colour, of Indian zoology and botany, by Hardwicke and Mrs. Duncan Campbell, dated 1822, was acquired with the

Rothschild bequest in 1937 (T).

A framed portrait in oils by William Hawkins is preserved in the Museum (Z).

HARDY (James) [1832–1889]

Four original water-colour drawings of birds dated 1876 (Z).

HARGITT (Edward) [1835–1895]

MS. catalogue of the Hargitt collection of birds' eggs. I vol. (Z).

HARMER (Frederic William) [1835-1923]

MS. lists relating to fossils and localities, and a list of Marine Mollusca from the Pliocene Deposits of the Anglo-Belgium Basin (P).

See also AUTOGRAPHS

HARMER (Sir Sidney Frederic) [1862-1950]

Keeper of Zoology from 1909–1919 and Director 1919–1927 he was widely known for his researches on the Polyzoa and Cetacea. Many of the original drawings used to illustrate his published works, together with a manuscript bibliography of the Polyzoa, in 8 volumes, have been donated to the Museum (Z).

A series of his letters addressed to A. Günther, 1908–1913, is included in the Günther Collection (L).

HARRIS (Charles Miller) and WEBSTER (F. B.)

Galapagos Islands. Expedition from Hyde Park, Mass., March 17, 1897. Returning to Hyde Park, May 11, 1897. Report of C. M. Harris taxidermist and collector, in command. The manuscript is accompanied by photographs and drawings (Z).

HARRIS (Moses) [1731-c. 1788]

Original water-colour drawings for *The Aurelian*, bequeathed to the Museum by the 2nd Baron Rothschild in 1937 (E).

HARTERT (Ernst Johann Otto) [1859-1933]

Curator of Lord Rothschild's Zoological Museum at Tring from its inception.

A series of his autograph letters addressed to A. Günther, 1892–1909, is preserved in the Günther Collection (L).

HARTGEN (E.)

One volume containing 41 sheets of original water-colour drawings of Brazilian lepidoptera, c. 1891 (E).

HARZER (C. A. F.)

See FISCHER von ROESLERSTAMM (J. E.)

HAVELL (Robert)

Framed painting in oils of a fish hawk attacked by a bald eagle (Z).

HAWKINS (Ellen) Miss [fl. 1821–1868]

The Museum possesses a large number of water-colour paintings of British plants, together with manuscript descriptions, 1821–1864: contained in seven portfolios (B).

HAWKINS (John) [1761-1841]

A collection of autograph correspondence addressed to John Hawkins from Philip Rashleigh, William Gregor and other contemporary mineralogists (M).

HAWLEY (Sir Henry Cussack Wingfield) [1876-1923]

A collection of original coloured drawings of British fungi with detailed manuscript notes, also collections of descriptions, notes and records of fungi (B).

HAY (Arthur) 9th Marquess of Tweeddale

See TWEEDDALE

HAYES (William) [1729-1799] and (A).

26 coloured etchings and 5 water-colour drawings of the Birds in the collection at Osterley Park 1779–1786 (Z).

HEATHCOTE (Evelyn Dawsonne) [1884-1908]

The original water-colour drawings of Heathcote's Flowers of the Engadine, published 1891, were presented in 1938 (B).

HEDGES (Albert V.)

A collection of diaries and note-books relating to British lepidoptera (E).

HENRY (David M. Reid-)

Four water-colour bird drawings were presented in 1961 and twelve original water-colour drawings reproduced in *Birds of the Sudan* by F. O. Cave and J. D. Macdonald, 1955, were presented by the authors in 1968 (Z).

HENSLOW (George) [1835–1925]

90 water-colour drawings of fossils from the Red Crag, Suffolk, 1 vol. (P).

HENSTENBURGH (Hermanus) [1667–1726]

Original water-colour drawings of birds, Picus major, Lanius minor, and Parus major (Z).

Three sheets of water-colour drawings of insects and larvae (E).

HERBAL

Water-colour drawings of plants, with MS. notes in Italian and Latin in two handwritings. I vol. ff. 143. c. 1649 (L).

HERING (Erich Martin) [1893-1967]

Three manuscript catalogues and one note-book relating to the Hering collection of leaf-mining insects (E).

HERON-ALLEN (Edward) [1861–1943]

The original drawings used to illustrate this author's works on the Foraminifera, together with manuscripts and correspondence relating to these, were presented with his very fine collection of books on this subject in 1925 and the following years until his demise (Z).

HERRICH-SCHAEFFER (Gottlieb August Wilhelm) [1799-1874]

Numerous pattern plates of several of this author's works (E).

HEYNE (Benjamin) [d. 1819]

MS. report on the copper mines in the Callastry and Venketgherry district of Madras and the copper mines of Agricandala. Part of Phillipps MSS. No. 19320. See Roxburgh, William.

HIBBERT, afterwards HIBBERT-WARE (Samuel)

Original drawings of Fossil Fishes and Plants from the Burdie House limestone, near Edinburgh, 1834–35, 2 vol. (P).

HICKSON (Sydney John) [1859-1940]

MS. geographical index of Alcyonacea, ff. 190, c. 1910 (Z).

HIERN (William Philip) [1839–1925]

A considerable amount of his botanical manuscript material is preserved in the Museum (B).

HIGGINSON (Ida)

One sketch book of anatomical subjects in pencil, 1865 (Z).

HIGHLEY (Percy) [1856–1929]

Collections of water-colour drawings of plants and sections of flowers, also original drawings of micro-fungi (B).

HILL (D. F.)

Three botanical water-colour drawings (B).

HINDE (George Jennings) [1839–1918]

Manuscript notes relating to fossils in the Hinde Collection. 14 vol. 1918, and a collection of articles and observations (P).

HINDS (Richard Brinsley)

MS. diary of R. B. Hinds, naturalist accompanying the voyage of H.M.S. "Sulphur", 1835–1842.

One volume covers the period Dec. 22nd 1835 to 5th Dec. 1839, the other, Jan. 9th 1836 to July 14th 1840 (L).

HINKINS (Frank R.)

313 drawings of British spiders and their webs, 1897–1932, also drawings made for the "Spiders" postcard series issued by the Museum (Z).

HINTON (Martin Alister Campbell) [1883–1961] and READ (E. C.)

Unpublished typescript of memorandum on musk rats in Europe, 1930 (Z).

HIPPISLEY (Lady Elizabeth Anne) [1760-1843]

See GUNTHER (R. W. T.)

HITCHCOCK (M.)

27 sheets of original water-colour drawings of insects and plants of Fiji, 1895–1896 (E).

HOCH (J. G.) [fl. 18th. c.]

Seven original water-colour drawings of Molluscs (Z).

HODGE (George)

Nine original drawings of Crustacea (Z).

HODGSON (Bryan Houghton) [1800-1894]

B. H. Hodgson was appointed Assistant Resident and, later, Resident in Nepaul. He made large zoological collections there, supplemented by water-colour drawings of the Vertebrata, by native artists. These were sent home and presented to the Museum in 1845 and 1858; the drawings number 1,319 in seven volumes. There are also two volumes of manuscript descriptions of quadrupeds and birds relating to these collections (Z).

A series of his autograph letters addressed to A. Günther, 1861–1867, is preserved in the Günther Collection (L).

A marble bust of Hodgson stands in the Zoological Library.

HODGSON (Robert Durie)

892 original pencil drawings of British plants, 1909-1947 (B).

HOLLAND (Mrs. Joseph Robberds)

72 sheets of water-colour drawings of South African wild flowers, 1856–1859 (B).

HOLLAND (Richard)

Four MS. note-books, mainly on Foraminifera (Z).

HOLLICK (Alfred T.)

A number of original drawings of Crinoids dated between 1866 and 1876 are preserved in the Museum (Z). Some of these were used to illustrate a paper by W. B. Carpenter in *Proc. R. Soc.* 24: 211-231.

Folios 464-469 in the Owen collection of drawings comprise sketches of parts of fossil Australian mammals by this artist (L).

HOLLOWAY (J.)

54 water-colour drawings of Hampshire fossils, chiefly from Stubbington, c. 1800 (P).

HOLSTEYN (Pieter) the Elder [c. 1580–1662]

An original water-colour drawing of the White Dodo, and five mounted drawings of *Limulus moluccensis*, *Homarus vulgaris*, *Pyrrhula vulgaris*, *Picus major*, and an unnamed bird (Z), also two sheets depicting 12 insects (E).

HOME (Sir Everard) [1756–1832]

Manuscripts of his Lectures on Comparative Anatomy, 1810-1813 (L).

A series of original water-colour drawings by W. Clift, Franz Bauer, and others were reproduced in his "Lectures" and are preserved in the Museum (L).

121 natural history manuscripts, including scientific correspondence addressed to Sir E. Home, some of his autograph notes with those of J. Hunter and others. The whole indexed in the handwriting of W. Clift (L).

HONG KONG

50 original drawings of wild flowers of Hong Kong drawn by a native artist, with the names in the autograph of H. F. Hance 1853–1856 (B).

HOOK (Bryan)

Framed water-colour of Mount Kenya with Gemsbok in foreground (D).

HOOKER (Sir Joseph Dalton) [1817-1911]

Director of the Royal Gardens, Kew, from 1865-1885.

Hooker started on his career as Surgeon and Naturalist on the "Erebus", under Sir J. Ross, during the expedition to the Antarctic regions in 1839–43. Autograph lists of the plants collected, with notes and drawings made during the early part of the expedition (B), and 28 water-colour drawings and pencil sketches of Antarctic fish (Z), some of which were utilised by Sir J. Richardson in illustrating his zoology of the voyage, are in the Museum. In the Murray Library there is a collection of sketches and outline drawings of invertebrate animals dated 1840–41 (M).

Also preserved are a collection of original coloured drawings of Indian fungi, annotated by C. E. Broome (B).

A series of his autograph letters addressed to A. Günther, 1861–1909, is preserved in the Günther Collection (L).

HOOKER (Sir William Jackson) [1785–1865]

Director of the Royal Gardens, Kew, from 1841–1865. The original water-colour drawings by Franz A. Bauer for the plates to Hooker's *Genera Filicum* are preserved in the Museum (B).

HOPKINS (Barbara) Miss

400 original drawings made for an "Atlas of Coleoptera larvae" by K. G. Blair, which was never published (E).

HÖRMANN (Joseph Ignaz) [1775-1820]

One water-colour drawing of a tulip (B).

HORSFIELD (Thomas) [1773-1859]

Horsfield practised as a physician in Java and Sumatra from 1799 to 1819, when he became Keeper of the East India Company's Museum in London.

His manuscript lists of Javanese Plants, with letters and 33 original pen-and-ink sketches showing dissections of the new or doubtful genera, 1814–51, which accompanied his collection, are in the Museum (B).

HOUSTOUN (William) [1695-1733]

Houstoun practised as a surgeon in the West Indies. His manuscript lists and descriptions of West Indian plants passed, after the death of Philip Miller with whom he corresponded, into the hands of Sir J. Banks, and form MSS. No. 67–69 (B) of the Banksian collection. The catalogue was published by Banks under the title of *Reliquiae Houstounianae* (1781).

HOWITT (William Samuel) [1765-1822]

Three water-colour drawings of mammals (Z).

HUBRECHT (Ambrosius Arnold Willem) [1853-1915]

MS. notes relating to specimens of Nemertina collected in the Antarctic regions during the expeditions of the "Southern Cross" 1898–1900 and "Discovery" 1901–1904 (Z).

HUDSON (Robert) [1802–1883]

Manuscript catalogue of fossils in the cabinet of R. Hudson, presented to the Museum in 1907 (P).

HUEBNER (Jacob) [1761-1826]

71 sheets of mounted original drawings in water-colour for Huebner's Beiträge zur Geschichte der Schmetterlinge and his Sammlung Europäischer Schmetterlinge, with manuscript notes by Huebner, Geyer, Herrich-Schaeffer and K. von Rosen, c. 1785.

In addition a large amount of manuscript material, original drawings and engraved pattern plates concerned with Huebner's works is preserved in the Museum.

Many of these are discussed in F. Hemming's *Hübner*, London, 1937. They represent the work of a distinguished band of Bavarian and Austrian entomologists of whom the central figure was Jacob Huebner and who during the period 1770–1850 laid the foundation of the classification of lepidoptera. Huebner's work was carried on by Carl Geyer whose drawings are also included with those of other well known early authors and artists, such as Fischer von Rosslerstamm, Schaedler, Jacob Stoerm, Joseph Mann and Carl Ploetz (E).

HULKE (John Whitaker) [1830-1895]

Manuscript catalogue of the collection of Fossil Vertebrata made by J. W. Hulke and presented by his widow in 1895 (P).

HUME (Allen Octavian) [1829-1912]

Autograph correspondence concerning the donation and transportation of the Hume collection of birds and eggs to the Museum, 1883–1885 (Z).

Seven volumes of autograph Journals and Notes with ornithological Observations made on different expeditions in India 1867–1881 (L).

One note-book relating to Indian birds collected during 1864–1865 was presented in 1922 (Z).

HUNT (William Henry) [1790-1863]

A collection of 60 sheets of water-colour drawings of marine animals (Z).

HUNT (William Holman-) [1827-1910]

See OWEN (Sir Richard)

HUNTER (A. H.)

Unpublished thesis on the Sheep Industry of Patagonia, 1940 (Z).

HUNTER (William) [1755-1812]

The well-known Orientalist and Botanist, W. Hunter, was Medical Officer to the East India Company.

His autograph "Outline of a Flora of Prince of Wales' Island" (Penang), is in the Museum (B).

HUTTON (William) [1797-1860]

Two autograph letters, July 1829 and February 1830 addressed to John Lindley, and one letter dated May 1829 addressed to Sir Roderick Murchison (B).

HUXLEY (Thomas Henry) [1825-1895]

A collection of minutes, correspondence and miscellaneous papers concerning the business of the Huxley Memorial Committee. 3 vol. 1895–1900 (L).

HUYSUM (Jacob van) [c. 1687-1740]

Two water-colour botanical drawings painted on vellum and one volume containing 28 drawings of plants (B).

HUYSUM (Jan van) [1682-1749]

One sheet containing three drawings of birds of the Low Countries (Z).

HUYSUM (Maria van) [18th century]

One sheet of water-colour drawings of fruit (E).

IBBETSON (Agnes) Mrs. [1757–1823]

A note-book on botanical and other subjects illustrated with numerous pencil drawings, also a manuscript treatise on botany in the form of 20 letters; (B) the plates which are referred to in this manuscript are not in the Museum.

Three volumes of original water-colour drawings of Grasses with MS. notes, 1809–1822 (B).

IMPEY (Mary) Lady

Wife of Sir Elijah Impey (1732–1809), sometime Chief Justice of Bengal, collected bird paintings executed by native artists during her residence in India. 63 of these paintings were preserved in the library of the Linnean Society of London from 1856 until June 1963 when they were sold by auction and dispersed. The Museum possesses two water-colour paintings of birds from the Impey collection, dated 1778 and 1781 (Z), and one framed painting (T). All three are part of the Rothschild bequest.

IMRIE (Ninian)

Manuscript "Descriptive Catalogue of 120 rare minerals the produce of Norway, Scotland and Greenland presented to the Right Honbl. Lord Gray". 1816 1 vol. (M).

INDIA

37 original water-colour drawings of Indian reptiles, fishes &c. c. 1800 (Z).

INDIA

559 water-colour drawings of Bengal plants, painted by native artists, with their native and occasionally also the Linnean name. 3 vol. (B).

INDIA

One volume of water-colour drawings of Indian insects. Early 19th century (E).

INDIA

116 water-colour drawings, with manuscript descriptions of Indian plants (B).

INDIA

52 original water-colour drawings of lepidoptera of western India and the plants with which they are associated (E).

INDIA MUSEUM

Autograph catalogues and lists of animals relating to specimens and drawings formerly in the Museum of the East India Company. 2 vols., also MS. catalogues and memoranda of the zoological collections in the India Museum transferred to the British Museum in 1879. 2 vols. (Z).

INGLIS (C. M.) [1870-1954]

MS. list of birds' eggs in the collection of C. M. Inglis (Z).

INGRAM (Collingwood)

61 water-colour drawings of Gladioli, 1927 (B).

63 original water-colour drawings of ornamental cherries including the originals for his *Ornamental cherries*, 1948 (B).

INSECTS

54 original water-colour drawings of Japanese Coleoptera by a native artist (E).

INSECTS

MS. notes on insects, with original drawings written and drawn by a collector in 1692 and 1695 (E).

INSECTS

37 sheets of water-colour drawings of imagines and larvae of insects, dated 1813-1814 (E).

INSECTS

1,274 water-colour drawings of German insects, mostly lepidoptera, early 19th century (E).

INSECTS

14 water-colour drawings of European and Asiatic lepidoptera and larvae, late 17th or early 18th century (E).

INSECTS

MS. notes on insects with original drawings, written and drawn by a collector. 1 vol. 1692–1695 (E).

INSECTS

One volume of original water-colour drawings of lepidoptera of France and Algiers, 19th century (E).

INVESTIGATOR, Royal Indian Marine Survey Ship

MS. descriptions of soundings made on the cruise of the "Investigator" in Indian waters in 1886 are preserved in the Murray Library (M).

INWARDS (Richard)

In 1898, Mr. Inwards presented a series of 42 water-colour sketches of fossils obtained near Lake Titicaca, with a map of the district (P). The fossils had already been given in 1880.

IRIS H.M.C.S.

MS. descriptions of soundings taken by H.M.C.S. "Iris" from the west coast of New Zealand towards Bondi, N.S.W. in 1912 are preserved in the Murray Library (M).

JACKSON (Arthur Randell) [1879–1944]

Original pencil sketches, with MS. notes, of Arachnida, drawn for a projected work on British spiders which was never published. 64 sh. (Z).

JACKSON (Sir Frederick John) [1860-1929]

One manuscript volume containing notes on the wild life of East Africa and Uganda, 1908–1917. A catalogue of his East African bird collection in 11 volumes. One typescript catalogue of birds, birds' eggs, butterflies, beetles and other insects collected in East Africa (Z).

JACOBS (S. N. A.)

A collection of water-colour drawings of moths, to illustrate papers by the author which appeared in the *Proc. Trans. S. Lond. ent. nat. Hist. Soc.* 1944–1955(E)

JACQUIN (Nicholaus Joseph von), Baron [1727–1817]

Jacquin, who was a Botanist of note, corresponded with Dryander. His autograph notes and letters, with sketches and water-colour drawings, were included in the Banksian Collection (B).

JAMIESON (B. G. M.)

Unpublished typescript dissertation on taxonomic studies of the Ocnerodrilinae and the Pareudrilinae genus *Stuhlmannia*. 2 vol. 1959 (Z).

JAN MAYEN, S.S.

MS. records of meteorological and other observations made during 1865 and 1868 in the North Atlantic are preserved in the Murray Library (M).

JANISCH (Carl) [1825–1900]

14 plates, numbered 1-6, 9, 11, 15-16, 19-22, being a part of Janisch's unpublished Report on the Diatoms of the Gazelle Expedition, 1874-76. The plates are accompanied by MS. notes and a list by F. B. Taylor, and also by a list apparently in the handwriting of F. Kitten, c. 1889 (B).

JAPAN

20 sheets of water-colour drawings, by a Japanese hand, of insects, reptiles &c. 1840 (L).

JAPAN

54 water-colour drawings of beetles by a native artist, 19th century (E).

JARDINE (Sir William) [1800–1874]

Manuscript notes, letters, original drawings, proof sheets, and other material of this prolific author. Some of this relates to the *Naturalists Library*; it also includes the manuscript of the English edition of A. Wilson's *American Ornithology* (Z).

One volume of letters, many bearing well-known signatures, all under the date 1852, was presented to the Museum in 1920 (L).

JELLY (Eliza Catherine) Miss

MS, note-book on Polyzoa with tracings of plates by the compiler, photographs by "Mr. Waters" and sketches of cells "in violet ink by Mr. Busk" (Z).

JENKINSON (

35 drawings, mostly in pencil, of the anatomy of *Pecten*, *Ostrea* and other Molluscs. With MS. notes (Z).

JENSEN (Fritz)

43 pencil drawings, with manuscript explanations, of the vegetation of Lifu, Loyalty Island, made in 1876 by F. Jensen, were purchased (B).

JERDON (Archibald) [1819-1874]

Manuscript "List of Hymenomycetes fungi found at Mossburnford, Rox-burghshire" (B).

JESSON (Thomas)

Manuscript catalogue of his Cambridge Greensand collection purchased in 1893 (P).

JEUDE (Lith de)

An original drawing of Gibbon condré (Z).

JOHANN BAPTIST JOSEF FABIAN SEBASTIAN Archduke of Austria [1782-1859]

Joannes Archdux Austriae icones Plantarum Alpestrium Austria. 51 tabulae ineditae. 1807 seqq. (B).

JOHN (Rev. C.)

Additional observations on snakes. MS. of a paper read before the Linnean Society of London on 3rd March 1807 but not printed in the *Transactions*. The manuscript was sent to Dr. W. Roxburgh in 1804 by the Rev. Dr. John who was then in Tranquebar, Madras (Z).

JOHN (C. S.)

Letters to William Roxburgh. 1 vol. (Phillipps MSS. No. 19520) (B).

JOHN MURRAY EXPEDITION

The John Murray Expedition to the Indian Ocean, 1933–1934 in H.E.M.S. "Mabahiss" was under the leadership of Lt. Colonel R. B. Seymour Sewell. His manuscript station records, log books, charts &c. were presented to the Museum in 1961 (Z).

JOHNSON (Christopher) [1782-1866]

Two volumes of letters from G. A. W. Arnott and other contemporary botanists (B).

JOHNSON (Henry) [1823-1885]

Manuscript notes made by Dr. F. A. Bather when reporting on the Johnson Collection in 1913 (P).

JOHNSON (Theo)

"Illustrations of British Entomology". 3 volumes containing 102 hand drawn and coloured plates with accompanying text in manuscript, 1889. 18 water-colour drawings of insects and their food plants (E).

"Our aquatic Flora". 45 plates with text. The plates are original water-colour drawings (B).

26 hand coloured drawings of birds were acquired with the Rothschild bequest in 1937 (T).

JOHNSON (Thomas) [-1644]

The Botanist and Apothecary, T. Johnson, became a prominent member of the Apothecaries' Company. The Society was in the habit of making botanical excursions, and Johnson published accounts of the results of their expeditions into Kent and to Hampstead Heath. Manuscripts by S. Dale of these, the earliest local Floras known, form the Banksian MS. No. 96 (B).

JONES (Thomas Rupert) [1819-1911]

Original drawings of fossil Ostracoda together with some manuscript notes, I vol. A manuscript catalogue of the Rupert Jones collection of fossils was presented by Lady Prestwich in I896 (P).

JOOSTEN (D. J. H.) [-1882]

One water-colour drawing of Tulipa Gessneriana (E).

JORDAN (David Starr) [1851-1931]

13 autograph letters from D. S. Jordan to A. Günther, 1884–1913, are preserved in the Günther Collection (L).

JUDD (John Wesley), C.B. [1840-1916]

In 1897, Dr. Judd presented three photographic facsimiles of maps and of a table by W. Smith (P).

JUSTEN (Frederick) [1832-1906]

In addition to many minor presentations at various times, Mr. Justen gave in 1890 a copy of the rare and valuable *Salictum Woburnense* (B), and in 1896, three volumes containing notes and descriptions, with a few drawings, of Peruvian Plants by A. Mathews (B).

KANNEMEYER (Danniel Roussouw)

A collection of his correspondence with H. G. Seeley concerning the South Africa Fossil Reptilia, 1891–1905, 1 vol. (P).

KAUP (Johann Jacob) [1803-1873]

Kaup was Inspector of the "Naturaliencabinet" at Darmstadt. His original drawings for the illustrations to his Catalogue of Apodal Fish in the . . . British Museum, 1856, are preserved in the Museum (Z).

Water-colours by him, chiefly of fossil vertebrata remains, are in the Owen Collection (L) and Geological Collection of drawings (P).

KEENAN (John)

21 sheets of original water-colour drawings of orchids (B).

KELAART (Edward Frederick) [1819–1860]

A manuscript note-book and a series of sketches of invertebrate animals of Ceylon were presented to the Museum by Miss F. Kelaart in 1913 and 1925. Some of these drawings were reproduced in a paper on the nudibranchs of Ceylon, by Sir Charles Eliot, published in the *Proc. Zool. Soc. London* 1906: 636–691 (Z).

KELLER (Johann Christoph) [1737-1792]

Four water-colour botantical drawings dated 1756-1760 (B).

KELLY (Chloe E. Talbot) [1927-

Two water-colour paintings of birds were presented in 1961 (Z).

KEMPTER (J.)

One water-colour drawing of an Orang-Utan, 1905 (Z).

KENNEDY (Norman B.)

MS. list of birds and mammals from Manipur, 1945-46 (Z).

KENNEL (Julius von) [1854-1939]

Original water-colour drawings of "Die Palaearktischen Tortriciden" published in Zoologica, Stuttgart Heft 54 1908–16 (E).

KENT (William Saville) [1845–1908]

A manuscript catalogue of corals, which comprises a close translation of H. Milne Edwards *Histoire naturelle des Coralliaires*, with the addition of new species, also notes and sketches of water mites (Z).

KENT'S CAVERN COLLECTION

Manuscript list of specimens of fossils (P).

KERR (William) [-1814]

A Botanical Collector sent out to China by Sir Joseph Banks, Kerr, afterwards Superintendent of the Botanical Gardens, Ceylon, visited the Philippines. His autograph journal of a "Botanical Mission to the Island of Luconia in . . . 1805" is in the Museum (B).

KEULEMANS (John Gerrard) [1842-1912]

Many original water-colour drawings of birds by this artist, also the full set of his pattern plates to G. E. Shelley's *Monograph of the Sun-Birds* (Z).

29 framed drawings of birds and 4 volumes of the original drawings for Sir Walter Buller's *History of the Birds of New Zealand* were acquired with the Rothschild bequest (T), also 7 water-colour drawings of mammals (Z).

Four framed paintings of birds, two in oils and two in water-colour are preserved in the Bird Section (Z).

KING (William) [fl. 1753-1767]

35 water-colour drawings of plants, some painted on vellum (B).

KINNEAR (Sir Norman Boyd) [1882-1957]

For many years in charge of the Bird Section in the Museum and Director 1947–1950. A considerable quantity of his manuscript notes and correspondence, including his unfinished "Biographies of Indian Ornithologists", was presented by Lady Kinnear (Z).

A holograph Journal of a Whaling Voyage in S.Y. Scotia to the Greenland Seas in 1907 was presented in 1947 (L).

KIRBY (William) [1759–1850]

Two MSS. of the Rev. W. Kirby, the entomologist and joint author with W. Spence of the famous Introduction to Entomology, are in the Collection: an

autograph MS. entitled "Museum Entomologicum Barhamense. Pars prima sistens Insecta M. Britanniae indigenae," which was presented with their collections in 1863 by the Entomological Society, and a manuscript catalogue of British Staphylinidae in 3 vol. presented by Dr. J. E. Gray in 1869 (E).

KISCH (B. S.) [1882-1961]

A quantity of correspondence and notes relating to Mollusca of south-western France, 1950–1961 (Z).

KLUYVES (N.)

One water-colour drawing of Varanus komodoensis, 1926 (Z).

KNAUTH (Bernhard)

2,000 original coloured drawings of European fungi were purchased in 1938 (B).

KNAUTH (Walter)

107 original coloured drawings of Russula were presented in 1939 (B).

KNIGHT (Horace)

384 original water-colour drawings of Acronycta and Caja.

One volume of water-colour drawings of insect larvae and copies (made by Knight) of Carl Plötz's unpublished drawings of Hesperidae, 16 pls. 1886 (E).

KNIGHT ERRANT, H.M.S.

MS. descriptions of soundings, list of Foraminifera and rough book on cruise made off northern Scotland in 1880 are preserved in the Murray Library (M).

KNOX (M.)

382 original coloured drawings of fungi were presented in 1954 (B).

KNOWLTON (Thomas) [1692–1782]

Knowlton began life as Superintendent of Dr. Sherard's garden at Eltham, and in 1728 entered the service of Richard Boyle, 3rd Earl of Burlington, at Lanesborough, Yorks. He attained eminence as a botanist, and corresponded with many noted contemporaries, including S. Brewer. Knowlton's letters to Brewer between 1728 and 1741. I vol. (B).

KOCH (Albert Carl)

Manuscript catalogue of remains of the Mastodon now in the British Museum. Probably relates to remains offered for sale at J. C. & S. Stevens auction rooms in London on 23rd Nov. 1843 (P).

KOENIG (Carl Dietrich Eberhard) [1774-1851]

Keeper of the Mineral Department from its inception in 1837 until his death in 1851. Some of his manuscript is preserved in the Department including his diary covering the period 1816–1817, 1819–1827, a manuscript catalogue of the General Mineral Collection in 1809, 2 vol. and notes on letters written between 1830–35 and 1839–40 (M). Six of his autograph note-books, covering the period 1816–1840 are deposited in the Palaeontological Library (P).

KOHTS (Alexander Eric)

See MOSCOW.—Museum Darwinianum

KONIG (C. D. E.)

See KOENIG (Carl Dietrich Eberhard)

KONIG (Johan Gerhard) [1728-1785]

Konig, a Danish Medical Missionary in Tranquebar, kept journals of his voyages with lists and descriptions of East Indian (including Siam and Malacca) Plants, Animals, and Minerals. These form the Banksian MSS., No. 37–55 (B). An English translation of such portions as relate to the Straits Settlements appeared in the Journ. Straits Branch Roy. Asiatic Soc. Nos. 26 and 27 (1894).

KREBS (Henry)

Manuscript notes from which this author's West Indian Marine Shells, 1864, was compiled are preserved in the Museum (Z).

KOUWENHOVEN (G. van)

Two water-colour drawings of flowers (E).

KREFFT (Johann Ludwig Gerhard) [1830-1881]

Curator of the Australian Museum, Sydney, 1861–1874. A series of his autograph letters addressed to A. Günther, 1861–1877, are preserved in the Günther Collection. Some of these deal with his dismissal from his post and subsequent action for redress (L).

KUHN (K.)

One original water-colour drawing of a cassowary (Z).

KUHNERT (Wilhelm) [1865–1926]

Three oil colour paintings of mammals. Bequeathed by Sir William Garstin in 1925 (Z).

LACAITA (Charles Carmichael) [1853-1933]

Correspondence, c. 1925-1931, is preserved in the Museum (B).

L'ADMIRAL (Jakob) [1699-1770]

Seven sheets of water-colour drawings of insects and spiders (E). One sheet depicting *Phrynus reniformis* and *Gastracantha arcuata* (Z).

LAESTADIUS (Lars Levi) [1800-1861]

Manuscript notes in Latin on a collection of Willows. pp. 16, 1836 (B).

LAISHLEY (Richard) [1815-c. 1890]

One volume of water-colour and pencil drawings illustrating the natural history of New Zealand together with a manuscript entitled "Gleanings of Natural History in New Zealand" (Z), also a note-book containing extracts copied from R. Laishley's autobiography (L).

LAMBERT (Aylmer Bourke) [1761-1842]

In 1841, Lambert presented a copy of Cramer's *Papillons exotiques*, formerly the property of H. Seymer, by whom it had been annotated and some of the plates re-touched (E).

At the sale of Lambert's library in 1842 the Museum acquired the MSS. of H. Ruiz Lopez and J. Pavon relating to their botanical exploration of Peru and Chili in 1777–88, and including the journal of the voyage and description of plants (B).

The original drawings by Ferdinand L. Bauer for some of the plates to Lambert's *Genus Pinus*, with one of the 25 copies of vol. 1, coloured by Franz A. Bauer, are preserved (B).

LANDAUER (M. T.)

See BERNARDI (A. C.)

LANDBECK (Christian L.)

54 original water-colour drawings of the birds of Würtenberg, c. 1833–34. Bequeathed by Lord Rothschild in 1937 (T).

LANG (William Dickson) [1878–1966]

Keeper of the Department of Geology, 1928–38. Some manuscript material and 18 boxes of correspondence are preserved in the Museum (P).

LANGMEAD (L. B.)

MS. register of a collection of British Mollusca. 1951 (Z).

LANGTON (Herbert) [1853-1923]

Two box files of MS, notes on birds, including six note-books containing derivations of ornithological names and terms. These were presented in 1923 (Z).

LANKESTER (Sir Edwin Ray) [1847–1929]

Edwin Ray Lankester was appointed Director of the British Museum (Natural History) in October 1898. Almost immediately he was in conflict with the Director of the British Museum, Sir Edward Maunde Thompson, on the question of his subordination to the authority of the Director of the parent Museum. This and other disagreements led to Lankester's compulsory retirement in 1907. Documents and press cuttings relating to these matters are preserved in the Museum (L.)

LATHAM (Ann)

Daughter of the well known eighteenth century ornithologist John Latham; the Museum possesses a number of original water-colour drawings of birds by this artist (Z).

LATHAM (John) [1740–1837]

A collection of 888 original water-colour drawings of birds, some of which are signed by A. Latham, T. Davies, Lord Stanley, and J. Abbot; also a MS. sketch of the museum at Dartford in Kent, belonging to Dr. Latham, 1795 (Z).

LA TOUCHE (Thomas Henry Digges)

Typescript catalogue of the Palaeozoic Fossils in the Museum of the Ludlow Natural History Society, 1928. The collection was purchased in 1947 (P).

LAWRANCE (Mary) [fl. 1790–1831]

Three water-colour drawings of plants dated 1794 and 1796 (B).

LAYARD (Edgar Leopold) [1825–1900]

44 sheets of water-colour drawings of insect larvae and imagines, and of fishes from Ceylon all apparently made by Layard c. 1844 (E).

LEACH (John)

50 water-colour drawings of Erica 1790 (B).

LEACH (William Elford) [1790-1836]

One pen and ink drawing of a crustacean (Z).

LEARMONTH (Walter Livingstone-)

A cruise in the Arctic. 1888. Reproduction of MS. journal, with mounted photographs in 2 volumes.

Davis' Straits and Baffin's Bay. 1889. Reproduction of MS. Journal, with mounted photographs and newspaper cuttings. 2 volumes (Z).

LEE (Ann), Miss [fl. 1769-1779]

Ann Lee, daughter of James Lee, of Hammersmith, the Horticulturist, was an excellent flower-painter.

19 water-colour drawings by her, mostly on vellum, illustrating the genus Mesembryanthemum, are preserved in the Museum (B).

LEE (Charles)

In 1884, 87 water-colour drawings of Cape Plants by F. Masson (B) were presented by C. Lee, nephew of the foregoing.

LEEDS (Alfred Nicholson)

One note-book of the contents of his museum in the holograph of Henry Woodward, 1890. Various notes and lists relating to his collection (P).

LEGGE (William Vincent)

Six autograph letters addressed to J. H. Gurney between 1st June, 1877 and 27th February 1878 (L).

LEICESTER Earl of

See COKE (Thomas William) Earl of Leicester

LEIGH (Miss D. Austen-)

A collection of original coloured drawings of British fungi (B).

LEPIDOPTERA

936 sheets of original water-colour drawings consisting of 269 of larvae of British butterflies and moths, 62 of microlepidoptera and 605 of the eggs of British lepidoptera, 1895–1905 (E).

LEPIDOPTERA

One hundred figures of diurnal lepidoptera prepared by scale transference [Lepidochromy] with the bodies of the insects painted in. From the collection of Dr. Sariziat, ante 1897 (E).

LEWIN (John William) [1770–1819] & AGNEW (J.)

A collection of 511 water-colour drawings of British land, fresh and salt-water shells made between 1786 and 1818. Some of the drawings were used by G. Montagu in his *Testacea Britannica* (Z).

LEWIN (Thomas W.)

75 water-colour drawings of Birds by Lewin form part of the Hardwicke Collection of drawings (Z).

LEWIS (Richard T.)

123 original water-colour drawings of Insects and Ticks (E).

L'HÉRITIER DE BRUTELLE (Charles Louis) [1748-1800]

A series of 51 autograph letters from L'Héritier de Brutelle, one of the most celebrated French Botanists of his time, to Dryander, forms the Banksian MS., No. 101 (B).

LHUYD (Edward) [1660-1709]

Edwardi Luidii.... Lithophylacii Britannici lehnographia. Being the true cutts of every species of fossils in Mr. Luids collection now reposited in the Ashmolean Museum at Oxford, with their several names transcribed from the Catalogue kept in the press with them December ix. 1722, I vol. This is an incomplete set of plates with MS. descriptions from the printed work of 1699 (P).

LIGHTFOOT (John) [1735-1788]

The Rev. J. Lightfoot, some time Librarian and Chaplain to the Duchess of Portland, and the author of *Flora Scotica*, kept a journal of a botanical excursion made in Wales in 1775, of which a transcript by S. Bacstrom forms the Banksian MS., No. 86 (B).

LILFORD Lord

See POWYS (Thomas Lyttelton) 4th Baron of Lilford

LIND (James) [1736–1812]

The Scottish physician J. Lind, visited China in 1766, and accompanied Banks on his voyage to Iceland in 1772; he subsequently became physician to the Royal Household at Windsor.

A holograph "Catalogue of such Chinese and Japanese Plants whose Chinese characters are known and are botanically described; being an Index to find there [sic] Chinese characters in Kempfer's Amaenitates exoticae, "&c., 1789, addressed to Sir Joseph Banks formed part of the Banksian Collection (B).

LINDLEY (John) [1799–1865]

An early autograph draft by the celebrated Botanist Lindley for his "Natural System of Botany" is preserved in the Museum, also 16 autograph letters, 1829 to 1832, addressed to William Hutton relating to their joint publication of the fossil flora of Great Britain. 74 water-colour drawings of plants, by Lindley, were purchased in 1897 (B).

LINNÉ (Carl von) [1707-1778]

A series of lectures delivered by the great Swedish Naturalist between 1746 and 1749, and written down by L. Montin, form the Banksian MSS., No. 71-75 (B M Z). An album of holograph letters, portraits &c. relating to Linnaeus is preserved in the Museum (L).

LINNEAN SYSTEM

29 sheets of pencil and water-colour drawings of plants drawn by an ancestor of Mrs. F. M. Miles and classified according to the Linnean System. Probably early 19th century (B).

LINTON (Edward Francis) [1848–1928]

A collection of manuscript notes relating to the genus Salix (B).

LISTER (Gulielma) Miss [1860–1949]

Five boxes of original coloured drawings of Mycetozoa arranged in alphabetical order of genera.

221 original coloured drawings for plates in her publications on the Mycetozoa.

29 notebooks containing original drawings and manuscript notes of fungi, mosses, lichens, algae, mycetozoa, insects and mites.

Two notebooks of original drawings and notes on hepatic mosses.

One notebook of original drawings and notes on dissections of amphibia, reptiles, birds &c.

One notebook of original drawings and notes on dissections of snails, worms mammals $\mathcal{E}c$. (B).

A collection of nine sketch-books containing water-colour drawings, mounted photographs &c. of birds, with some MS. notes, c. 1903–1936 (Z).

LISTER (Joseph Jackson) [1857-1927]

Six volumes of manuscript laboratory notebooks mainly concerned with researches on Foraminifera during the period 1892–1909 were presented as part of the E. Heron-Allen collection in 1925, also the original autograph MS. and notes upon the reproduction processes of *Polystomella crispa*. This unfinished work was completed by E. Heron-Allen and published in 1930 (Z).

LISTER (Martin) [1638-1712]

Copies of M. Lister's *De Cochleis* and *Historia Conchyliorum*, annotated by the author, Sir Hans Sloane and James Petiver, are preserved in the Museum (Z).

LITTLEDALE (H. A. P.)

Diary and papers relating to his egg collection made in Southern Africa 1906–1911 (Z).

LOAT (W. Leonard S.)

71 original water-colour drawings and pencil sketches, used in the preparation of Anderson, J. Zoology of Egypt, Vol. 3, "The fishes of the Nile" by G. A. Boulenger, 1899–1901 (Z).

LOCKHEAD (William) [-1815]

Lockhead was curator of the St. Vincent Botanic Garden. 19 of his original drawings of West Indian Plants are preserved in the Museum (B).

LOCKET (G. H.) & MILLIDGE (A. F.)

Five volumes of original drawings for the RAY SOCIETY publication on British Spiders, 1951–53 (Z).

LODDIGES (Conrad) [1738 -1826]

See BOTANICAL CABINET

LODDIGES (George) [1784-1846]

Ten manuscript note-books containing remarks on humming birds, 1826–1845 (Z).

George Loddiges seems to have been the actual editor of all the scientific publications bearing the name Conrad Loddiges & Sons.

See also BOTANICAL CABINET

LODER (Gerald Walter Erskine), 1st Baron Wakehurst [1861-1936]

Manuscript "Bibliography of Rhododendrons" 1910 (B).

LODGE (George E.) [1860-1954]

A large collection of pencil sketches of animals and some plants together with his manuscript and typescript notes are preserved in the Museum (Z). Five framed water-colour drawings of birds were acquired as part of the Rothschild bequest (T).

LONSDALE (William) [1794–1871]

Lonsdale, who was some time Curator and Librarian to the Geological Society, made a special study of Fossil Corals.

His unpublished autograph, "Report on some Fossil Zoantharia collected by Sir C. Lyell... in Madeira and the Islet of Baxio during 1854," is preserved in the Museum (P).

LOO (Pieter van) [1731-1784]

Four water-colour drawings of flowers (E).

LOTEN (Joan Gideon) [1710-1789]

A collection of 154 coloured drawings of Birds, Mammals, Insects and Plants, painted from life for J. G. Loten, Dutch Governor of Ceylon, 1752–1757, by P. C. de Bevere, in Ceylon and the Malay Archipelago 1754–1757 (L).

LOUREIRO (Joao de) [1715-1796]

The Portuguese Jesuit Loureiro, who travelled in Indo-China, and wrote a *Flora Cochinchinensis*, sent to England original descriptions of the new genera, that form the Banksian MS., No. 93 (B).

LOWE (Percy R.) [1870-1948]

One volume of manuscript check lists of Birds collected during the second cruise of the S.Y. "Zenaida" October 1906 to June 1907, and the third cruise, November 1907 to April 1908, also a collection of manuscript notes dealing with the anatomy and myology of birds together with original figures of some of his published works (Z).

LOWE (Richard Thomas) [1803-1874]

A collection of manuscripts relating to fishes and invertebrates of Maderia 1850–1861 (Z).

LOWE (Willoughby P.)

See BANNERMAN (D. A.)

LUDLOW (F.)

Ten manuscript note-books containing field notes of birds collected mainly in Tibet (Z).

LUMSDEN (Phyllida)

Original water-colour drawings and pen and ink sketches of birds, published in J. D. Macdonald's *Birds of Britain* 1949 (Z).

LYNES (Hubert) [1874-1942]

Thirty-three note-books relating to his bird collecting trips in Europe and Africa, 1910–1936 (Z).

LYSAGHT (Averil Margaret), Miss

Typescript preliminary guide to literature dealing with zoology of Captain James Cook's 1st, 2nd, and 3rd voyages. Compiled 1951 (Z).

M. (E. M.)

Fishes (and other marine animals) at the Andaman Islands, 1868–71 by E.M.M. 19 sh. of water-colour drawings (Z).

MABILLE (Paul) [1835-1923]

35 original water-colour drawings of butterflies. Some of these are the originals of Mabille's types published in GRANDIDIER (A.) Hist. phys. nat. pol. de Madagascar 18 & 19, 1885–87 (E.).

M'BAIN (James)

Manuscript "Supplementary remarks on Fossil Trees of Craigleith" 1874 (P).

MACONACHIE (Sir Richard) [1885-

Manuscript notes on birds by Sir R. Maconachie, who was H.M. Minister at Kabul 1930–1935, used by Hugh Whistler in his Ornithology of Afghanistan published in the J. Bombay nat. Hist. Soc. 1944 (Z).

McCONNEL (F. V.) [1868–1914]

MS. account of a journey into the interior of Guyana in 1894. 2 vol. (Z).

MACDONALD (Gulielmo Rio)

MS. Index Plantarum in usum Societatis Pharmaceuticae Londinensis, 1835 (B)

MacGILLIVRAY (John) [1822-1867]

Autograph catalogue of Radiata and Molluscs collected during voyage of H.M.S. Rattlesnake 1846–1850 (Z).

MacGILLIVRAY (William) [1796–1852]

213 of the original water-colour drawings of British Animals (13 Mammals, 122 Birds, and 78 Fish) executed between 1831 and 1841 by the celebrated Naturalist, W. MacGillivray, who was noted for the care and fidelity of his drawings, were presented in 1892 by his son P. H. MacGillivray (Z).

McINTOSH (William Carmichael) [1838-1931]

A volume of manuscript notes and sketches relating to Annelids. The notes are in several autographs and probably include those of G. Johnston and W. Baird, as well as those of W. C. McIntosh. 36 of the original drawings used to illustrate A Monograph of the British Annelids, 1873–1900 are also preserved in the Museum (Z). These drawings are by McIntosh's sister, Roberta McIntosh, who married Dr. Albert Günther in 1868 (Z).

McKEAN (H.) of Croydon

Manuscript account, with some inserted photographs, of the Mollusca of Surrey, 1877–1886 (Z).

McLACHLAN (Robert) [1837-1904]

65 original drawings and pattern plates for the author's Monographic revision and synopsis of the Triehoptera of the European Fauna, 1874–1880 (E).

MACONOCHIE (Alexander) [1787–1860]

Capt. Maconochie, R.N., Lieut-Governor of Norfolk Island, gave to R. Brown a series of antograph "Reports on Norfolk Island," containing natural history observations (B).

MADDEN (Sir Frederic) [1801–1873]

Correspondence with W. Roscoe on the subject of the Holkham Catalogue. 1820–30 (B).

MAHLER (P.)

Two oil paintings of mammals and one of a bird (Z).

MAINLAND (Alice M.)

Geographical index to figures of Diatoms contained in books and pamphlets of the Adams Collection in the Department of Botany, ff. 1–708, 1932, also an alphabetical index, 2 vol. 1934 (B).

MAITLAND (Lorna)

71 water-colour paper mosaics of West Australian flowers, 1959 (L).

MAITRE DE DANZIG AUX INITIALES S.N.

20 original drawings of molluscs and crustaceans (Z).

MAJOR (Charles Immanuel Forsyth) [1843-1923]

A manuscript catalogue of fossil Rodentia, 1905, and various papers (P). See also PARIS (Charles)

MANCHESTER CONCHOLOGICAL SOCIETY

Manuscript records of Mollusca found in Lancashire 1888–1890. I vol. (Z).

MANN (J.)

See FISCHER von ROESLERSTAMM (J. E.)

MANTELL (Gideon Algernon) [1790-1852]

One volume of letters from Mantell on "Telerpeton" &c., other letters from Duff, Lyell and Murchison, all addressed to Captain Lambart Brickenden, 1848–1858.

MS. catalogue of the Mantell Collection of Fossils (P). See also SMITH (M. H.) Mrs.

MAPLESTONE (C. M.)

Two original pencil sketches of plates published in the author's paper on Polyzoa which appeared in *Records of the Australian Museum* 8, 1911:118–119, pls. 34 & 35 (Z).

MARTIN (William) [1767–1810]

A manuscript list of specimens figured in Martin's *Petrificata Derbiensia* preserved in the Museum, compiled by C. D. Sherborn, 1890 (P).

MARTINI (Bartolommeo)

Martini was author of a Catalogus Plantarum a me in itinere montis Baldi inventarum, published in 1707.

The manuscript of a further work by him dated 1715, entitled Catalogo al fassiculo di Monte Baldo delle Piante naturali, is in the Museum (B).

MARTYN (John) [1699–1768], and (Thomas) [1735–1825]

A series of the autograph letters of these Botanists form the Banksian MS. No. 103 (B).

MARTYN (Thomas) Draughtsman [fl. 1760–1816]

88 sheets of water-colour drawings and coloured proof plates of Shells, made for the *Universal Conchologist*. These are probably in part original, in part trial or rejected drawings (Z).

MASON (Kenneth) and CAVE (Francis O.)

Manuscript notes on birds collected in 1926 on an expedition into the Shaksgan Valley and the Aghil Range which lie near the frontier between Kashmir and Chinese Turkestan (Z).

MASSEE (George Edward) [1850-1917]

Some drawings of Fungi were presented in 1888 by Mr. Massee, formerly Principal Assistant, Royal Gardens, Kew.

1,036 of his water-colour drawings of Fungi were purchased in 1892 (B).

MASSON (Francis) [1741-1805]

The first botanical collector sent out from Kew Gardens was F. Masson, who travelled in South Africa, the Canaries, Azores, Madeira, the West Indies and North America.

54 of his water-colour drawings of Plants made on these expeditions and a further series of 87 of his water-colour drawings of Plants were presented by Mr. C. Lee in 1885. I vol. (B).

MASSON (P. W.)

Manuscript list of timber specimens collected by P. W. Masson, 1901 (B).

MATHEWS (Andrew) [-1841]

Some notes with a few pencil drawings of Peruvian Plants by the Botanical collector, A. Mathews, forming 3 volumes, were presented by his daughters in 1896 (B), also a holograph letter to G. Loddiges dated October 11th 1835, containing coloured sketches of two South American humming birds (Z).

MATTHEWS (Leonard Harrison) [1910-

Sixty-seven water-colour sketches (Heads and Feet) of South Georgian Birds, made on the "Discovery Expedition" 1927–29 (Z).

MAUND (Benjamin) [1790–1864]

B. Maund combined in his person the callings of chemist, botanist, bookseller, printer and publisher of *The Botanic Garden*.

1,248 water-colour drawings of ornamental flowering plants, originals of the illustrations in *The Botanic Garden* 1825–1851, were presented in 1882 by Miss Sarah Maund. The artists were E. D. Smith, the Misses E. and S. Maund and others (B).

MAYER (F. Shaw)

Four pen and ink sketches of cassowaries, with MS. notes 1930–1933 (Z).

MEADE-WALDO (E. G. B.)

See WALDO (E. G. B. Meade-)

MEDENBACH DE ROOIJ (A. B.)

One volume of unpublished manuscript descriptions of Californian Noctuidae, c. 1875 (E).

MEDICO-BOTANICAL SOCIETY OF LONDON

MS. account of members' subscriptions, list of officers and members, minutes of meetings 1821–1831, Law Book of the Society, 1823 and Catalogue of the Herbarium, 1824–28 (B).

MEDLYCOTT (Sir William Coles Paget) [1831–1887]

Water-colour drawings and pencil sketches of animals of Malta, together with manuscript notes in 16 volumes, also 3 volumes of drawings and sketches of birds and fishes of North America, 1857–1862 (Z).

A collection of sketches and water-colour drawings of plants of Malta, 1853–1857, were presented in 1957 and 256 drawings of Canadian plants, 1868–1885 (B).

MEEN (Margaret) [fl. 1775-1824]

An English flower painter in water-colours in the second half of the 18th century, her works appeared in the Royal Academy from 1775–1785.

There is one example of her work in the Museum (B).

MEIGEN (Johann Wilhelm) [1764-1845]

Numerous original water-colour drawings of Diptera also a number of pen-and-ink drawings (E).

MEIKLEJOHN (R. F.)

Six manuscript field note-books, concerned with egg collecting in Algeria, Crete, Greece, Russia and Switzerland in the period 1919–1939 (Z).

MEINERTZHAGEN (Richard) [1878–1967]

A manuscript catalogue of his bird collection with ecological notes on birds, 42 vols. (Z).

MENZIES (Archibald) [1754-1842]

Naturalist and Surgeon on Captain George Vancouver's voyage to the Pacific and North West America, 1790–95.

Some of his manuscript notes on mammals and birds are preserved. 8 ff. (L).

MERIAN (Maria Sibylla) [1647-1717]

Two water-colour drawings of flowers painted on vellum (E).

METZ (Gertraud) [1746-

55 original water-colour botanical drawings made from plants in Kew Gardens and James Lee's gardens at Hammersmith 1755-1779 (B).

MEYER (Henry Leonard) [-1864]

A pencil sketch of H. L. Meyer, author of Coloured illustrations of British birds and their eggs, probably by his wife Mary Anne, was presented in 1961 (Z).

MEYRICK (Edward) [1854–1938]

A collection of his line drawings and water-colour paintings of Micro-Lepidoptera was presented in 1938 and some manuscript descriptions of this group of insects in 1955 (E).

MICHAEL (Albert Davidson) [1836-1927]

3 volumes of original drawings of Oribatidae, Acari, and Gamasidae. Many of these drawings were published in Linnean Society and Microscopical Society journals. The original water-colour drawings of the author's monograph on the British Tyroglyphidae are also preserved in the Museum (Z).

MIERS (John) [1789-1879]

The engineer and botanist, J. Miers spent many years in South America. His MSS. including "A Catalogue of the Woods of Brazil" and original drawings of South American Plants and their dissections, as well as the works used and annotated by him, were presented by J. W. Miers in 1879 and 1880 (B).

MILLER (Gerrit Smith) Jr. [1869-

Manuscript catalogue of the bird skin collection of G. S. Miller, 1884–1893, 6 vol. (Z).

MILLER (John), otherwise MÜLLER (Johann Sebastian) [1715?-1790?]

Müller, the draughtsman and engraver, came to England in 1744, and was always known after 1760 as John Miller. He published and projected several illustrated works dealing with Plants and Insects.

"A series of 928 drawings (in water-colour) of the leaves, stalks and ramifications of Plants... executed for the Earl of Bute, in the years 1783–84," in 5 vols. was purchased in 1880, also 27 original drawings in a manuscript work by the 3rd Earl of Bute entitled "Tabular Distribution of the Vegetable Kingdom," 1783 (B).

MILLER (John Frederick) [fl. 1775-1796]

The son of John Miller (or Müller).

He and his brother James were employed by Banks in making finished drawings from S. Parkinson's sketches of the plants collected during Cook's first voyage round the world; these are preserved with the Parkinson drawings to which they refer. He also accompanied Banks in 1772 to Iceland as botanical artist.

25 original water-colour drawings and sketches, 1772-1776 (B).

MILLETT (Fortescue William) [1833-1915]

Manuscript extracts and notes, drawings and tracings relating to the Foraminifera, also the original drawings and correspondence concerning his *Foraminifera* of the Malay Archipelago 1898–1904 and The Shore Sands of Misaki, Japan c. 1904 (Z).

MITCHELL (James) [1786–1844]

A collection of manuscript observations on flints in the U.K., and three volumes of manuscript notes of geological excursions (P).

MIVART (St. George) [1827-1900]

A collection of his autograph letters is contained in the A. Günther Collection, also one letter in the Sowerby Collection, filed with William Sowerby Testimonial (L).

MOHR (Paul)

P. Mohr collected numerous fossils, chiefly from Germany and France, which were purchased in 1848. A manuscript catalogue of these is preserved (P).

MOLD (F. R.)

Water-colour drawings of mammals made for the postcard series issued by the Museum, 1925 (Z).

MOLENGRAAFF (Gustaaf Adolf Frederik)

See NEWTON (Richard Bullen)

MONTAGU (George) [1755-1815]

Author of many memoirs on the birds and shells of the south of England. His major zoological works were his *Ornithological Dictionary* and *Testacea Britannica*. A manuscript note-book of Colonel Montagu covering the period 1796–1798 and miscellaneous family MSS. including his will (L).

MONTE BOLCA

8 foll. of rough water-colour sketches of fossil Plants, and 12 of fossil Fish from Monte Bolca. Banksian MS. No. 114 (P).

MONTICELLI (Teodoro) [1759-1846]

A manuscript list of his collection of Vesuvian minerals and lavas, in the autograph of N. Covelli (M).

MONTIN (Lars) [1722-1785]

Certain of Linnæus' lectures delivered between 1746 and 1749, and written down by his pupil L. Montin, form the Banksian MSS. No. 71–75 (B, M, Z), while the journal Montin kept on a journey he made in 1749 to Lapland forms the Banksian MS. No. 83 (B).

MOON (Alexander) [-1825]

37 original water-colour drawings by A. Moon, Superintendent of the Botanic Garden, Ceylon, with autograph descriptions of Ceylon Plants, are preserved in the Museum (B).

MOON (Maley de C.) Mrs.

46 water-colour drawings of sugar canes from New Caledonia, 1869–1870 were presented by Lady Anne Barkly in 1917. Descriptions of these canes were published in J. Caldwell's *Report on New Caledonia* ?1870. Also by this artist there are 12 water-colour drawings of Mangoes grown in Mauritius, 1845–1846 (B).

MOORE (Spencer le Marchant) [1850-1931]

One sheet of original drawings illustrating resemblances between certain insects & arachnids and Euphorbiaceous seeds, c. 1879 and manuscript notes made on his Matto Grosso expedition, 1891–1892 (B).

MORANDI (Giambattistia)

Morandi, Knight, of Milan, was author of an *Historia Botanica Practica*, etc., 1744: a manuscript draft for this work, said to be in his handwriting, entitled, "Erudimenta Botanica," etc., and illustrated by 133 plates of his original drawings, is preserved (B).

MORGAN (Robert) [1863-1900]

50 original drawings (published) and 13 (unpublished) of Potamogetons for the work of A. Fryer and A. Bennett *The Potamogetons (Pond Weeds) of the British Isles* 1898–1915 (B).

MORLEY (Claude)

A typescript catalogue of his natural history collection, dated 1946, and an album of signatures of early 20th century entomologists (E).

MORRIS (John) [1810–1886]

A collection of letters referring to the Morris Collection of British Fossils. r886 (P).

MORRIS (Stanley)

A long series of note-books containing observations and occurrences in natural history with indexes, covering the period 1887–1942; these were presented by Mrs. Morris in 1945 (E).

MORRISON (A.)

Four note-books giving details of localities of his collection of South American and Chinese birds (Z).

MORSE (Mrs. Hosea B.)

152 water-colour drawings of North American wild flowers, 1890–1908 (B).

MORTON (George Highfield) [1826-1900]

A manuscript catalogue of Upper and Lower Palaeozoic Fossils, 1885. 2 vol. (l')

MOSCOW-Museum Darwinianum

A collection of photographs of paintings, sculptures &c., in the Darwin Museum, Moscow, made under the supervision of Dr. Alexander Eric Kohts, 1958 (L).

MOSELEY (Harriet), Miss [fl. 1836-1867]

1,922 original water-colour drawings of British Plants, by Miss Moseley, were purchased in 1886 (B).

MOSELEY (Henry Nottidge) [1844–1891]

Moseley was one of the members of the scientific staff of the *Challenger*. His autograph journal of natural history observations made during the voyage was presented by him in 1883 (Z).

MOSS (A. Miles)

Five sheets of water-colour drawings of larvae of South American lepidoptera, 1912–1945, also a number of letters over the period 1908–1933, from H. I. Thouless to the Rev. A. Miles Moss.

One volume of original drawings of Sphingidae, c. 1912 (E).

Five water-colour drawings of South American plants, c. 1935 (B).

MOURITZ (Leofwyn Beresford) [1888–1915]

Two manuscript note-books relating to the ornithology of Southern Rhodesia (Z).

MÜLLER (J.) afterwards MILLER

See MILLER (John)

MUMFORD (A. A.)

Two letters, dated February 1917, addressed to Sir Lazarus Fletcher, containing biographical details of John Abbot (L).

MUNFORD (George) [1795-1871]

MS. note-book on natural history, 1854–57, and a volume of miscellaneous notes on Pliny's Natural History, 1847–51, were presented in 1955 (L).

MUNT (Henry)

Catalogue of eggs in the collection of H. Munt, purchased by Lord Rothschild in 1926 and bequeathed with the Tring Museum in 1937, 3 vol. (Z).

MURPHY (Robert Cushman) [1887-]

Typescript list of the birds in the Tring Museum in 1932. In that year Lord Rothschild transferred ownership of the whole of this vast collection of birds to the American Museum of Natural History, with the exception of the mounted collection and the skins of the family Struthionidae; this list shows the extent of the collection so transferred. 5 vol. (Z).

MURRAY (Sir John) [1841–1914]

One of the naturalists on board the "Challenger" during the scientific expedition, 1873–1876; he later superintended the publication of the scientific results. His very fine library of works relating to Zoology and Oceanography was presented to the Museum by his son, Mr. J. L. Murray, in 1921. Included in this is his autograph diary kept during the voyage.

An album containing the portraits and autographs of the contributors to the *Challenger Reports*, presented to Sir J. Murray in 1896, is also preserved in the Museum (M).

A series of autograph letters addressed to A. Günther, 1883–1911, is preserved in the Günther Collection (L).

See also CHALLENGER, H.M.S.

MURRAY (Captain William) [1791-

35 line drawings of fishes, made from specimens taken in the rivers Narbudda and Dhamora, C.P. India (Z).

MYERS (J. G.)

One filing box containing data cards of skins and eggs of birds (Z).

MYRMIDON, H.M.S.

MS. list of soundings taken by H.M.S. "Myrmidon" off the north coast of Australia in 1887 (M).

NATURALIST'S LIBRARY

See JARDINE (Sir William)

NEILL (J.)

Neill, who was Deputy Assistant Commissary-General of Albany, King George's Sound, Western Australia, made, at the suggestion of Governor Grey, water-colour drawings of the Vertebrata of the district. 67 of these, some of which illustrate and are referred to in Eyre's Journals of Expeditions of discovery into Central Australia (1845), were presented by Mr. Neill in 1845 (Z).

NERO, U.S.S.

MS. account of the deposit samples taken by U.S.S. "Nero" on a trans-Pacific track in 1899–1900 (M).

NEUMANN (Paul)

Two water-colour drawings of cassowaries, 1906 (Z).

NEW SOUTH WALES

70 water-colour drawings of Animals and Plants made near Port Jackson, some of which were used in drawing the plates for J. White's *Journal of a Voyage to New South Wales*. Banksian MS. 34.

These have been erroneously attributed to Thomas Watling who did not arrive in the Colony until 1792; White's Journal was published in London in 1790 (B). See also PORT JACKSON PAINTER

NEWBOULD (William Williamson) [1819–1886]

A number of manuscript note-books containing local lists of plants &c. are preserved in the Museum (B).

NEWMAN (Edward) [1801-1876]

One note-book containing coloured drawings of British Ferns (B).

NEWPORT (George) [1803-1854]

37 pencil sketches and proof plates of Myriapoda c. 1840 (Z).

NEWTON (Alfred) [1829-1907]

Nine letters addressed to A. R. Bloxham concerning Bloxham's natural history notes made during the voyage of H.M.S. Blonde, 1824–25. The letters are dated between 1890–1898.

A collection of letters from Newton over the period 1859–1906 is contained in the A. Günther Collection q.v. (L).

NEWTON (Richard Bullen) [1854-1925]

MS. notes on some boulders from West Central Borneo collected by G. A. Molengraff, 1901.

A collection of correspondence addressed to R. B. Newton, 1910–1923 (P).

NICÉVILLE (Charles Lionel Augustus de) [1852-1901]

A series of autograph letters relating to insects of India addressed to T. R. D. Bell, 1891–1901, and 12 sheets of original drawings by B. L. Dós, G. C. Chuckrabutty and B. M. Watson to illustrate de Nicéville's papers in *J. Bombay N.H. Soc.* 1889–1893 (E).

NITZSCH (Christian Ludwig) [1782-1837]

Two volumes autograph MSS. Beobachtungen über Eingeweidewürmer and Beobachtungen über Thierwürmer, 1814–1815 (Z).

NODDER (Frederick Polydore) [fl. 1767-1800]

The botanical draughtsman F. P. Nodder was employed by Sir Joseph Banks to make finished drawings, from Sydney Parkinson's sketches, of the plants collected during Cook's first voyage round the World; these are preserved with the Parkinson drawings to which they refer.

16 water-colour drawings of plants made between 1776 and 1786, and 34 drawings of Erica.

The original drawing made by this artist for plate 5 of Aiton's *Hortus Kewensis*, 1767, is also preserved (B).

NORFOLK NATURAL HISTORY

A volume, so lettered, from the library of Dawson Turner (1775–1858) bearing his signature and that of Edward Arnold, a later possessor of the volume, ff. 63.

Contains autograph material of R. Brown, J. de Carle Sowerby, J. Arnold and Dawson Turner (L).

NORMAN (Alfred Merle) [1831–1918] and SCOTT (Thomas)

Original drawings of plates 1-9 of *The Crustacea of Devon & Cornwall*, published in 1906 (Z).

See also ALDER (J.) and NORMAN (A. M.)

NORONHA (Fernando) [-1787]

The Spanish botanist F. Noronha or Noroña, who greatly improved the Royal Botanic Gardens at Manilla, subsequently travelled in Java and Madagascar.

A set of III water-colour drawings of Java Plants made by him, or for him, of which there is a similar set in the Royal Library at Berlin, were included among the MSS, and drawings of L. A. Deschamps, that were presented by J. R. Reeves in 1861 (B).

NORRIE (E. G.) Mrs.

See FISHES

OATE (H. H. Ten) [1803-1856]

One water-colour drawing depicting seven insects (E).

OATES (Eugene William) [1845-1911]

Four autograph letters addressed to R. G. W. Ramsay between 14th June and 9th October 1882 (L).

OLAFSEN (Jon)

Manuscript "Ichthyo-Graphia Islandica, eller Underretning om de Fiske som leve i salt og ferskt Vand udi Island sammen skreven i Kjobenhavn anno 1737" (Z).

OLD HAWKING CLUB

MS. Journal of the Club from 1905-1926 in three volumes (Z).

OLDFIELD (H. A.)

16 water-colour drawings of Nepalese birds collected in the Himalayas between 1856 and 1864, and drawn by a native artist Rajman Singh, for Dr. H. A. Oldfield, Surgeon-Major of the Bengal Staff Corps (Z).

OLDHAM (Charles) [1868-1942]

One MS. catalogue of his shell collection and a file of his records of genetical studies of the Mollusca (Z).

ONDAATJE (W. C.)

44 original water-colour drawings of Ceylon Holothuridae and Comatula were purchased in 1899, also two water-colour drawings of fishes of the Indian Ocean (Z).

OORT (P. van) [1804-1835]

Three original water-colour drawings *Haliotus discus* and *Triton variegatum* (dorsal and ventral) (Z).

ORBIGNY (Alcide Charles Victor Marie D') [1802-1857]

Mémoires divers (Manuscripts of 18 papers some of which were published in Ann. Sci. Nat. Zool. and other journals), also the holograph MS. of Modèles des Foraminifères vivans et fossies 2e edition. The published work appeared in 1843.

The original autograph MS. of the section Foraminiferes, in SAGRA (R. DE LA) *Histoire physique* . . . et naturelle de l'Ile de Cuba Pt. 2., is preserved in the Museum (Z).

ORD (George) [1781-1866]

Autograph letters dated February 22nd, March 28th and April 24th, 1843 addressed to Charles Waterton (Z).

ORDE-POWLETT (W. T.) 4th Baron Bolton [1845-1922]

One volume of letters from Lord Bolton to R. B. Sharpe, chiefly with reference to the latter's edition of Gilbert White's *Selbourne*, 1904–1909, was presented in 1936 (L).

ORLEY (Laszlo)

MS. list of round and other parasitic worms preserved in the Museum, compiled in 1881 (Z).

ORMEROD (Sarah) [1784-1860]

138 sketches of plants, and some mammals, were presented in 1942 (B).

OS (Gregorius Jacobus Johannes van) [1782-1861]

Four original water-colour drawings of shells (Z). Two sheets of water-colour drawings of insects (E).

OSMASTON (A. E.)

MS. catalogue of his collection of eggs of European birds and a catalogue of eggs collected in India (Z).

OWEN (Sir Richard), K.C.B. [1804–1892]

Sir R. Owen was Superintendent of the Natural History Departments of the British Museum, 1856–83.

In 1893, Sir R. Owen's executors presented a large series of MSS, and original drawings including:—

The original autograph notes made while dissecting the Pearly Nautilus, the successive drafts for portions of the memoir, the author's interleaved copy of the completed memoir with his autograph notes and other memoranda as well as the original water-colour drawings from which the plates were engraved, and proof impressions of the plates (L).

The set of his manuscript notes and synopsis of lectures from 1828 to 1864 (L). Notes and sketches of remains of fossil Reptilia in various Museums, made when preparing his British Association Reports on the British Fossil Reptilia (G).

A set of original water-colour drawings by W. Clift, Franz Bauer, Mrs. Marsh and others for the illustrations to Sir E. Home's papers (L).

520 folios of original drawings by various artists (e.g. G. Scharf, J. Dinkel, S. Parkinson, J. Wolf) in water-colour, pen-and-ink and pencil, with photographs, all of zoological and palaeozoological subjects, mostly fossil Vertebrata, very many being the originals for illustrations in Sir R. Owen's own works (L).

A portrait in oils painted by his friend William Holman-Hunt, O.M. in 1881, was bequeathed to the Museum by C. B. Holman-Hunt in 1934. Holman-Hunt hardly ever accepted a commission for a portrait and this represents a side of the artist's work which is little known (D).

Another portrait of Owen at the age of 40, by H. W. Pickersgill, was acquired in 1949 (D).

PACKMAN (J. C. D.)

Manuscript catalogue of the collection of birds made by J. C. Packman at Mergui in Tenasserim, 1841–1842 (Z).

PAGESMITH (Gordon)

MS. catalogue of his collection of eggs of birds, 1900–1910 (Z).

PAISLEY (J. C.)

One note-book relating to birds' eggs collected in Nigeria, 1933-1934 (Z).

PANZER (Georg Wolfgang Franz) [1755-1829]

18 plates of insects prepared for part 191 of Panzer's Faunae Insectorum Germanicae Initia, 1793–1809, but never published (E).

PARIS (Charles)

MS. Catalogue de la Collection d'Ossements fossiles recueillis près de Mitylini, dans l'Île de Samos . . . par C. J. Forsyth Major. 1893 (P).

PARK (Mungo) [1771-1806]

Afterwards celebrated as an African explorer, Mungo Park went in 1792 as surgeon on board the Worcester to Sumatra, where he made botanical and zoological observations. 20 water-colour drawings of Fish executed at the time with manuscript descriptions of six of the species were probably included in the Banksian Collection (Z).5

PARKER (William Kitchen) [1823-1890]

26 sheets of original pencil drawings of Foraminifera (Z).

PARKINSON (George S.)

In 1896, a series of 185 sketches in water-colour, pen-and-ink and pencil by G. Shaw, the zoologist (L), as well as a portrait of S. Parkinson the artist (Z), were presented by Mr. G. S. Parkinson.

PARKINSON (Sydney) [1745-1771]

Parkinson accompanied Banks as draughtsman on Cook's first voyage round the world (1768–1771).

40 water-colour drawings of animals, mostly on vellum, made from specimens or drawings executed in India, by order of J. G. Loten, and including the originals of some of the figures in Pennant's *Indian Zoology* and *Quadrupeds*, formed the Banksian MS. No. 20 (Z).

12 water-colour drawings made from plants in the gardens at Kew and Hammer-smith, mostly on vellum, and executed in 1767 before he started his ill-fated journey on Cook's first voyage were also acquired with the Banksian Collection (B).

The large collection in 21 volumes of his water-colour drawings and pencil sketches of plants and animals made on the voyage round the world, with finished drawings made from his sketches by T. Burgis, J. Cleveley, Jas Miller, J. F. Miller and F. P. Nodder, came from the same source (B, Z).

Folios 77, 282 and 283 in the Owen Collection of drawings, and drawings number 18 and 19 in the Sir Everard Home collection are also by Parkinson (L).

A portrait of Parkinson in oils was presented in 1896 (Z).

PARKYNS (Mansfield)

Autograph letter to Sir William Jardine concerning a specimen of *Balaeniceps* collected by M. Parkyns. 1851 (Z).

PARSONS (Charles Wynford)

23 drawings of Adelie Penguin and 7 of Emperor Penguin embryos, with MS. notes, made for C. W. Parsons by Miss D. Thursby Pelham, c. 1935 (Z).

PAULI (Anna)

Two sheets of water-colour drawings of insects, c. 1700 (E).

⁵ Cf. Trans. Linn. Soc. iii. (1797), pp. 33-38.

PAVON (Jose) [fl. 1770–1825]

The Spanish botanist, Pavon, accompanied Ruiz Lopez to Peru and Chile.

In addition to the manuscripts named later under Ruiz Lopez, the Museum possesses autograph lists of American and Spanish plants forwarded by Pavon to A. B. Lambert (B).

PAYN (W. A.)

MS. catalogue of the Payn collection of birds, 1920-1949 (Z).

PEAKE (E.)

MS. note-book on slugs and snails, 1909 (Z).

PEILE (Alfred James) [1868-1948]

MS, notes on names and localities of shells, and correspondence from H. W. Preston, B. Walker and E. G. Vanatta, 1921–1929 (Z).

PELHAM (Miss D. Thursby)

Original drawings of Emperor and Adelie Penguins (Z).

PENGELLY (William) [1812-1894]

MS. catalogue of the Pengelly Collection of fossils (P).

PENGUIN, H.M.S.

MS. descriptions of deposits collected by H.M.S. "Penguin" between Funafuti and Fiji in 1896 (M).

PENNANT (Thomas) [1726-1798]

A collection of 73 zoological plates from the library of Thomas Pennant, including birds by P. Brünnich and N. Robert, mammals by W. Holler, 1645–1771, also the working copies of T. Pennant's *British Zoology*, 4th edition, and his *Arctic Zoology*, 2nd edition, with autograph annotations and additions (Z).

Correspondence between Sir Sidney Harmer and the Countess of Denbigh concerning the presentation of Pennant's collections to the Museum in 1912. The specimens received included mammals, birds, shells and other invertebrates, minerals and fossils (L).

MS. catalogue of Flintshire fossils (M). Original manuscript catalogues of the Pennant collection of Minerals presented by the Earl of Denbigh in 1913. Vol. 1–2 (M) Vol. 3 (P).

PERCEVAL (Spencer George) [1838-1922]

Eleven water-colour drawings of Devonian Corals in the Perceval Collection and one volume of correspondence addressed to Perceval by members of the Museum staff, 1867–1905 (P).

PERCIVAL (A. B.)

MS. notes on an expedition into South-Western Arabia, August 9th to October 19th, 1899; with a rough map showing the various routes taken by the party (L).

PERKOIS (J.) [1756–1804]

Six water-colour drawings of flowers (E).

PERRIN J. B. [fl. 1793]

Nine water-colour drawings of botanical subjects signed and dated 1793 (B).

PETCH (Tom)

Collections of original coloured drawings of Cryptogams from Ceylon, also correspondence with contemporary Mycologists, notebooks, manuscript slips and notes chiefly relating to Entomogenous fungi, 1930–1948 (B).

PETERS (Wilhelm Carl Hertwig) [1815-1883]

Director of the Zoological Museum, Berlin. A series of autograph letters addressed to A. Günther, 1859–1875, is preserved in the Günther Collection (L).

PETIVER (James) [1663 or 4–1718]

A set of 73 rough water-colour drawings of Cape plants, copied from Sloane Manuscript 5286, forms the Banksian MS. No. 88 (B).

The copy of Rumph's D'Amboinische Rariteitkamer, used by Petiver in the preparation of his "Gazophyllacium," and having an interlinear manuscript translation, was transferred in 1889 from the Printed Book Department; it would seem to have previously formed part of Sir Hans Sloane's library (L).

PHILIPS (G.) [fl. 1790]

Two sheets of water-colour drawings of insect larvae (E).

PHILLIPS (William) [1822-1905]

Manuscript monograph on Cyphellae, note-books, manuscript determinations of fungi illustrated with sketches, and collections of correspondence with contemporary Mycologists. Large collections of his original coloured drawings of fungi were purchased in 1906 (B).

PHILLIPPS (Sir Thomas) [1792–1872]

See ROXBURGH (William) for letters from A. Ross, T. Hardwicke and others which were formerly in the manuscript collection of Sir T. Phillipps.

PIAGET (Edouard) [1817-1910]

The original drawings of the 56 plates published in Piaget's Essai Monographique. Les Pédiculines and the 17 plates issued with the Supplement to this work were purchased in 1928 (Z).

PICKARD-CAMBRIDGE (F. O.)

See CAMBRIDGE (Frederick Octavius Pickard-)

PIGEONS

Five volumes of original water-colour drawings, by Japanese artists, of different breeds of Pigeons, probably executed for the library of some Japanese nobleman (Z).

PILGRIM (Henry Guy Ellcock) [1875-1943]

Nine volumes of manuscript notes of fossil mammals (P).

PILKINGTON (William) [1758-1848]

Manuscript list, with descriptions of British plants (B).

PILTDOWN

A collection of manuscript notes by A. S. Woodward and Charles Dawson, relating to the Piltdown skull. 1912 (P).

PIPER (G. E. M.), Miss

A manuscript catalogue of rocks, minerals, fossil invertebrates, plants, and vertebrates presented in 1951. The collection belonged to the donor's father by whom it was originally obtained from Mr. J. Chisman (P).

PLANTS

A large collection of water-colour Drawings of Plants copied from old works on Natural History, forming 8 thick volumes. (B).

For a corresponding volume, See ANIMALS

PLANTS

124 roughly coloured drawings of plants seemingly copied from old wood-cuts. Bought from the library of J. Soranzo of Patavia in 1781. Banksian MSS. No. 62 (B).

PLANTS

28 water-colour drawings of plants with a manuscript inscription "Pflanzen welche I.R.H. unser Erzherzoginn bekomen und in ihren Garten legte" (B).

PLATT (Joshua) [c. 1699-1773]

A manuscript entitled "Extraneous fossils selected in January 1772, for Christopher Sykes Esqre, of Wheldrick, near Yorks". 5 fol. (P).

PLAYFAIR (Sir Robert Lambert) [1828–1899]

H.M. Consul General at Algiers, author of A Bibliography of Algeria.

A series of autograph letters addressed to A. Günther, 1864–1897, is preserved in the Günther Collection (L).

PLOWRIGHT (Charles Bagge) [1849-1910]

A collection of annotated original coloured drawings of Uredineae, Ustilagineae and Pyrenomycetes was presented in 1953, also manuscript notes and miscellaneous papers on fungi (B).

PLUMIER (Charles) [1646-1704]

The French botanist and traveller, C. Plumier, was author of many works on American plants.

312 copies of his water-colour and pen-and-ink drawings of plants, many of which were used in illustrating his published works, were obtained by the 3rd Earl of Bute [1713–1792], passed into the possession of Sir J. Banks and form Banksian MS. No. 1–5 (B).

PLUNKENET (Leonard) [1642-1706]

A small collection of sketches of botanical subjects (B).

PODMORE (G.)

Three water-colour paintings of Australian fishes, and one erayfish, 1885–1892 (Z).

PONTHIEU (Henry de)

Autograph descriptions of some West Indian Plants, by H. de Ponthieu, a French West Indian Merchant, are preserved in the Museum (B).

POPE (Clara Maria), Mrs. [-1838]

Eleven original water-colour drawings illustrating species and varieties of the genus *Pæonia*, executed in 1821 or 1822 by Mrs. Pope, the artist and flower painter to the Horticultural Society, are preserved in the Museum (B).

POPHAM (Hugh Francis Arthur Leyborne) [1864-1943]

MS. diaries of H. L. Popham, mainly recording his travels and bird notes in Russia, Lapland &c., 7 vol. 1892–1914. One note-book on birds collected in Siberia, 1895–1900.

One manuscript catalogue of birds' eggs in the Popham collection and four notebooks relating to his egg collection (Z).

PORCUPINE, H.M.S.

MS. list of bottom deposits and sponges collected in the North Atlantic in 1869-70 (M).

PORT JACKSON PAINTER

70 water-colour drawings of Animals and Plants made near Port Jackson, New South Wales.

Banksian MS. 34. Previously erroneously attributed to Thomas Watling (B). See also NEW SOUTH WALES

POUJADE (G. A.)

39 original water-colour drawings of South American Heterocera, 1891-1892 (E).

POUSHKIN (Count Apollos de Moussin)

Manuscript list of his collection of Minerals from Russia (M).

POWER (A.) [fl. 1780-1800]

Five water-colour drawings of plants (B).

POWYS (Thomas Lyttelton) 4th Baron of Lilford [1833-1896]

Author of the excellent Coloured figures of the Birds of the British Islands.

Three volumes of his autograph correspondence with A. Günther, 1868–1896, are included in the Günther Collection (L).

PRESTON (Hugh Berthon) [1871–1945]

A number of autograph letters from Preston to A. J. Peile, 1921–1924, and a manuscript catalogue of Mollusca, in loose leaf form, c. 1915 (Z).

PRESTWICH (Sir Joseph) [1812-1896]

Manuscript catalogue of the Prestwich Collection of fossils presented to the Museum in 1896 (P).

PROCTER (Joan B.) [1897-1931]

Five original drawings of frogs and toads reproduced in the Museum postcard series, Set K.1 (Z).

PROUT (Louis Beethoven) [1864-1943]

A number of his note-books relating to Heterocera are preserved in the Museum (E).

PULTENEY (Richard) [1730-1801]

The original autograph of Pulteney's Catalogue of Plants spontaneously growing about Loughborough, forms the Banksian MS. No. 90 (B).

A manuscript "Flora Malabarica, Plantas sistens, quas H. van Rheede Drakenstein . . . praebuit. Synonimis Linnaei, Raii and Rhumphii additis per R. Pulteney," forms the Banksian MS. No. 26 (B).

The Museum also possesses his autograph Catalogue of English Plants, and unpublished "Flora Anglica abbreviata," (B), a quantity of manuscript material relating to Testacea (Z), and one volume of letters addressed to R. Pulteney during the period 1776–1800 (L).

PUSTET (August) [1891-

An unpublished typescript "Die Bisamratte in England", together with an English translation, both dated 1933 are preserved in the Museum (Z).

PYCRAFT (William Plane) [1868-1942]

Manuscript of paper on *The wing of Archaeopteryx* read before the British Association August 13th 1894 (P).

QUECKETT (John Thomas) [1815–1861]

Manuscript catalogue of Coal Sections in the museum of the Royal College of Surgeons (P).

RAFFRAY (Achille) [1844–1923]

Letters from Thomas Brown and others to A. Raffrey with descriptions of new species of Pselaphidae (E).

RAILTON (William) [1800–1877]

Three oil paintings of the Chelsea Physic Garden, mid 19th century (L).

RAMAGE (George A.) [1864–1933]

A collection of original water-colour drawings of plants (B).

RAMBLER, H.M.S.

MS. report of bottom deposits collected from Tizard and Macclesfield Banks, c. 1905 (M).

RAMBUR (Jules Pierre) [1801–1870]

Original water-colour drawings, by E. Blanchard, for the 22 plates of Rambur's Catalogue systématique des Lépidoptères de l'Andalousie, 1858-66 (E).

RAMSAY (Robert George Wardlaw-), Captain [1852-1921]

The ornithological library of the Marquess of Tweeddale was presented in 1887 by his nephew, Capt. Wardlaw-Ramsay. The collection comprises 698 works in 2,560 volumes, besides some 200 pamphlets. Captain Ramsay's diary relating to birds collected in Burma 1874–1875 is also preserved (Z).

RAPER (George) [-1797]

72 water-colour drawings of the scenery and natural history of New South Wales, Norfolk Island &c. made by G. Raper, Midshipman in H.M.S. "Sirius"

which sailed with the First Fleet in May 1787. Presented by Miss Eva Godman in 1962 (Z).

RASHLEIGH (Philip) [1729-1811]

The manuscript and original water-colour drawings of his *Specimens of British Minerals* 1797, were acquired with the collection bequeathed by Sir Arthur Russell in 1964 (M).

RATTRAY (John) [1858-1900]

Autograph diary of J. Rattray on board the Buccaneer, 1885-1886 (M).

RAY (John) [1627-1705]

114 autograph letters of the celebrated naturalist, J. Ray, and his correspondents, were presented in 1884 (B).

The original MS. of Derham's Life of Ray was acquired during the same year (B). A portrait in oils of Ray at about the age of 40, attributed to Mrs. Beale, was bequeathed to the Museum by Sir William Watson in 1788 (Z).

REA (Carleton) [1861-1946]

A collection of original coloured drawings of fungi was presented in 1946, also manuscript on the genus Russula (B).

READE (H. E.) [fl. 1830]

Five water-colour drawings of plants (B).

READE (Oswald Alan) [1848–1929]

MS. Flora of the Maltese Islands, 1 vol. c. 1894 (B).

RÉAUMUR (René Anton Ferchault de) [1683-1757]

A collection of original wash drawings of Invertebrata and Algae, with autograph notes. Some have been reproduced as plates in the *Histoire de l'Academie Royale des Sciences*, Paris, for 1709–1712, but those accompanied by notes are of later date, one bearing reference to 1743. Four plates of Mollusea and Cirripedia by another hand are included (Z).

REES (William James) [1913-1967]

One box file of drafts of papers, and manuscript notes on Mollusca, 1950–1960, also a number of original drawings of Hydroids (Z).

REEVES (John) [1774-1856]

J. Reeves, when Inspector of Tea at the East India Company's establishment in Canton, made careful study of natural history and resources of the country. He employed native artists in making water-colour drawings of the Animals and Plants.

481 of these drawings of Animals (Z) and 911 of the Plants (B), were presented in 1877 with MSS. notes concerning the drawings of Fish, of which Sir J. Richardson states (Rept. Brit. Assoc., 1845, p. 188), that four sets were made, one of which was given to Major-General T. Hardwicke whose collection of drawings was bequeathed to the Museum in 1835.

Another set came to the Museum from Sir John Richardson in 1860 (Z), the fourth set is in the library of the Zoological Society of London.

REEVES (John Russell) [1804–1877]

J. R. Reeves, the son of John Reeves, was in Hon. East India Company's service at Canton for thirty years and devoted to botany and horticulture.

He presented in 1861 the unpublished autograph journals of L. A. Deschamps, kept on the voyage of the *Recherche* in search of La Pérouse, and during subsequent travels in Java, with the notes for a Flora Javanica and the original sketches of Scenery, Animals and Plants by, or made for F. Noronha (B, Z).

On his death, his widow, Mrs Eliza Reeves presented the collection of Chinese drawings which her father-in-law, J. Reeves, had formed (B, Z).

REICHEL (T.) [fl. 1787]

Eleven water-colour drawings of Indian plants made in Madras 1787-1789 (B).

REID (Savile Grey) [1845–1915]

2 MS. volumes of "Stray notes on Ornithology," compiled between 1871 and 1890 (Z).

REID-HENRY (David M.)

See HENRY (David M. Reid-)

REINHARDT (Johannes Christopher Hagemann) [1776-1845]

Naturhistorisk Dagebog i Sommeren 1808. Autograph notes and drawings, principally of insect anatomy (Z).

RESEARCH, H.M.S.

Soundings, log book and other manuscript material relating to the cruise of H.M.S. "Research" in the Bay of Biscay in 1900 (M).

RHOADES (E. L.)

18 original water-colour drawings of fishes from Lake Nyasa, 1908 (Z).

RICHARDSON (Sir John) [1787-1865]

One MS. notebook and miscellaneous tracings and drawings of fishes, mostly cut out from published works (Z).

RICKETT (Charles Boughey) [1851-1943]

MS. notes on the birds of Penang, and other subjects of Chinese natural history; illustrated with photographs and original drawings 1884–1908. Notes on the birds of Fohkien Province, S.E. China from 1889–1904, and a manuscript catalogue of a collection of birds from this region (Z).

RIDEWOOD (Walter George) [1867-1921]

61 drawings of plates appearing in a paper of the structure of the gills in Lamelli-branchiata published in *Phil. Tr. Roy. Soc. Lond.* Ser. B. Vol. 195, 1903 (Z).

RILEY (Alexander)

A contemporary copy of a letter dated from Port Dalrymple, 26 November 1804 from Riley to Lt. Governor W. Paterson relating to articles of hardware in his charge (B).

RISALA-I-KATIB-AL-BAGHDADI

Photostat of Persian MS. on Zoology. The original dated c. 1450 is in the Blacker Library of Zoology, Montreal (Z).

ROBERT (Nicholas) [1614-1685]

Two sepia coloured drawings of plants (B).

ROBIEN (Le Charles de)

203 original Chinese drawings of Plants (B).

ROBINSON (Herbert Christopher) [1874-1929] and CHASEN (F. N.)

Birds of the Malay Peninsula. The unpublished manuscript, written by E. Banks, c. 1950, with plates by H. Grönvold, which was to have been the fifth volume of this work, is preserved in the Museum (Z).

ROBINSON (M.)

One album of original coloured drawings of Indian fungi, c. 1928 (B).

ROBSON (Edward) [1763-1813]

Unpublished MS. Supplement to S. Robson's *British Flora* with biographical notes by the author's great-nephew, J. J. Green (B).

ROBSON (Guy Coburn) [1888-1945]

Manuscript of two papers on the Octopoda, apparently unpublished c. 1930 (Z). G. C. Robson was Assistant Keeper in the Mollusca Section of the Museum 1913–1936.

ROBSON (John Emmerson) [1833-1907]

120 water-colour drawings of British lepidoptera, larvae and their food plants. Presented in 1947 (E).

ROEBUCK (William Denison) [1851-1919]

21 volumes of manuscript records compiled for a census of distribution of mollusca in the British Isles (Z).

ROEMER (E.)

See BERNARDI (A. C.)

ROEMER (Johann Jacob) [1763-1819]

210 original drawings, formerly the property of Dr. Roemer, were purchased in 1883 (B).

ROFFEY (John) [1860-1927]

One volume of miscellaneous manuscript material (B).

ROSCOE (William) [1753-1831]

Autograph letters to Dawson Turner and others, with letters to Roscoe from T. W. Coke, *Earl of Leicester* 1820–1830 (B).

ROSS (Andrew)

Letters to William Roxburgh. 2 vols. (Phillipps MSS. Nos. 23283 and 23679).

ROTHSCHILD (Lionel Walter) 2nd Baron [1868-1937]

The munificent bequest by Lord Rothschild of the Tring Museum, together with his working library of nearly 30,000 volumes, came to the Museum in 1937. Many original water-colour drawings of animals are included, some framed and some in bound volumes. These are noted under the appropriate artists (T).

A large collection of his autograph letters over the period 1884–1914 is included in the A. Günther Collection (L).

One note-book listing birds eggs collected in Algeria and western Sahara, 1908–1914, and correspondence in various autographs concerning purchase of birds and eggs from Tristran de Cunha, 1928–1936 (Z).

ROUND (F. H.)

120 original water-colour drawings of *Iris*, c. 1914, were bequeathed to the Museum by the Hon. N. C. Rothschild in 1923 (B).

ROWE (Arthur Walton)

A collection of field note-books, correspondence and geological maps (P).

ROXBURGH (James)

Sketches of animals and plants. Part of Phillipps MSS. No. 18552. See Roxburgh, William.

ROXBURGH (John) [fl. 1717-1817]

One letter to his father William Roxburgh in Phillipps MSS. No. 18552.

ROXBURGH (William) [1759–1815]

The botanist W. Roxburgh was surgeon on the Madras establishment of the Hon. East India Company and afterwards Superintendent of the Calcutta Botanic Garden.

The Museum possesses the following volumes of Roxburgh correspondence from the library of Sir Thomas Phillipps.

Letters from C. S. John and T. Hardwicke, 1 vol. (Phillipps MSS. No. 19320). Letters from Andrew Ross, 2 vols. (Phillipps MSS. No. 232838, 23679).

Letters to T. Hardwicke and from Roxburgh to Dr. G. Taylor, 1 vol. (Phillipps MSS. No. 18552).

Letters from F. Buchanan (afterwards Hamilton, 1795–1812).

Manuscript copy of his Flora Indica, containing autograph notes by him and by Robert Brown that are not in the printed edition; an index to the whole of his botanical MSS.; 14 water-colour drawings of Malayan plants, with one of a Cycas from the Moluccas—and some autograph descriptions, with 22 coloured drawings of Indian palms and the drawings of the dissections, used in his Plants of the Coast of Coramandel, also one portfolio containing 67 miscellaneous drawings of plants (B).

ROYAL SOCIETY OF LONDON

MS. account of the petrological, botanical, and zoological collections made in Kerguelen's Land and Rodriguez during the Transit of Venus Expeditions in 1874-75 (L). The report of the expedition was published in *Philosophical Transactions* Vol. 168, 1879.

RUIZ LOPES (Hipólito) [1754-1815] and PAVON (José)

These Spanish botanists made a botanical exploration to Peru and Chili 1777–1788, with special reference to Cinchona. MSS. lists relating to their collections were purchased at the Lambert sale, 1842, and include "Flora Peruviana"; "Systema vegetabilium Flora Peruviana et Chilensis"; species in the Peruvian

collection not contained in the above; lists of fruits and seeds, Spanish and

Mexican plants.

Their joint manuscript descriptions of the plants procured, which formed the basis for their *Flora Peruviana et Chilensis*, with Ruiz Lopez's autograph "Relacion historica del Viage" and his important manuscripts on Cinchona, were also purchased at the above sale. (B).

RUSSELL (Anna), Mrs. [1807-1876]

730 of her original water-colour drawings of the higher Fungi were bequeathed by Mrs. Russell in 1876, and 5 more were presented in 1886 (B).

RUSSELL (Lord Arthur)

Manuscript list of the Russell collection of portraits of Naturalists in the library of the Linnean Society of London, compiled by Warren R. Dawson (L).

RUSSELL (Sir Arthur) [1878-1964]

Manuscript catalogue of his collection of Minerals, I vol. dated 1924 (M).

RUSSELL (Sir Frederick Stratten) [1897-

Water-colour paintings and pen and ink drawings used to illustrate *The Medusae* of the British Isles 1953 (Z).

RUYSCH (Rachel) [1664-1749]

One sheet with two mounted water-colour drawings of dragonflies (E).

RYLANDS (Thomas Glazebrook) [1818–1900]

One volume of correspondence from contemporary botanists, addressed to T. G. Rylands (B).

SAFTLEVEN (Cornelius) [1607-1682]

Original charcoal and chalk drawing of Canis familiaris (Z).

SALISBURY (Albert Edward) [1876–1964]

17 note-books containing lists of species and notes on nomenclature and ecology of Mollusca, also a card index of molluscan species described between 1850 and 1864; this bridges the period between Sherborn's *Index Animalium* and the commencement of the *Zoological Record* (Z).

SALISBURY (Richard Anthony) [1761-1829]

R. A. Salisbury, the botanist, left his property to W. J. Burchell the explorer, on whose decease in 1863 the MSS. and drawings passed into the hands of Dr. J. E. Gray, by whom they were given to the Museum (B) in 1865.

Salisbury's notes and drawings of Ericaceous Plants were transferred from the Royal Gardens at Kew in 1881 (B).

SALMON (Ernest Stanley) [fl. 1900–39]

One notebook containing records of fungi, chiefly from Surrey (B).

SALMON (John Drew)

Manuscript catalogue of the Salmon collection of birds' eggs. I vol. c. 1850 (Z).

SALT (Henry) [1780-1827]

Salt acted as secretary and draughtsman to Lord Valentia on his travels in India, Ceylon and Abyssinia, 1802–1805. He was sent to Abyssinia in 1809 by the British Government to carry presents to the Emperor and the 15 rough sketches of Abyssinian plants preserved in the Museum were probably made on this journey (B).

SALTER (John William) [1820–1869]

J. W. Salter, the palæontologist, was apprenticed at the age of 15 to James De Carle Sowerby and when working with him prepared illustrations for the supplement to his *English Botany*. These original drawings were acquired with Sowerby's in 1862 (B).

SALVIN (Osbert) [1835–1898]

Three note-books relating to Salvin's collecting trips in Central America in 1857–1859, and a manuscript list of Central American birds, dated 1862, have been presented to the Museum (Z).

See also GODMAN (F. D.) & SALVIN (O.)

SAMOUELLE (George) [-1846]

Samouelle's reports to the Trustees, British Museum, with lists of accessions, 1830–1841. 3 vol. (E).

SARG (F. C.)

Sarg collected and made coloured drawings of Araneida for the *Biologia Centrali-Americana* of Godman and Salvin, 1879–1915. A MS. note-book of zoological notes on the Spiders of Guatemala, illustrated in pencil and water-colour is preserved in the Museum (Z).

SARS (Georg Ossian) [1837-1927]

Original drawings by G. O. Sars to illustrate his "Challenger" Report on the Schizopoda published in 1885 (Z).

SAUNDERS (George Sharp)

Three volumes of MS. notes on the natural history of Reigate etc. With pencil and water-colour sketches, 1848–1867 (L).

SAUNDERS (Howard) [1835–1907]

Three note-books containing localities and descriptions of birds (Z).

SAUNDERS (John) [1827–1908]

J. Saunders was the first librarian of the Zoological Department and his manuscript catalogue of the library, post 1869, is preserved (Z).

SAUNDERS (William Wilson) [1809–1879]

466 original coloured drawings and 105 tracings of British Basidiomycetes, also collections of coloured spore drawings of fungi and British Discomycetes and Pyrenomycetes (B).

SAVAGE (William)

MS. account of the growth of Plants in a close situation, in the metropolis. 3 sh. 1810 (B).

SAVERY (Roelandt) [1576-1639]

A framed painting of a Dodo by R. Savery, presented by Mr. George Edwards in 1759 (D).

SAVIN (Alfred C.)

Manuscript catalogues of the Savin collections of Fossil Mammalia from the Cromer Forest Bed. 9 vol. (P).

SCHAEDLER (Johann Georg) [1777-1866]

A volume containing water-colour copies of Schiffermüller's original drawings, by Schädler, with names added by Hübner (E).

SCHAEFFER (Julius)

43 original coloured drawings of Russula were purchased in 1934 (B).

SCHARF (George) [1788-1860]

A number of original drawings chiefly of fossil vertebrate remains, by G. Scharf, form part of the Owen Collection of Drawings, presented in 1893 (L.)

SCHIFFERMUELLER (Ignaz) [1727-1809]

Original water-colour drawings of pupae, caterpillars and plants, with manuscript text by Schiffermueller and others. 2 vol. c. 1776 (E).

SCHLEIDEN (Matthias Jakob) [1804-1881]

A series of original water-colour and pen-and-ink drawings of Plants, by M. J. Schleiden, Professor of Botany at Jena, with manuscript descriptions of them, the whole bound in 9 volumes, were purchased in 1886 (B).

SCHMIDT (Johann Carl) [1793-1850]

The Museum possesses an autograph work by J. C. Schmidt, the Curator of the Shuttleworth Herbarium at Bern, entitled:—"Beschreibung der innlandischen Arten von Cuscuta" (B).

SCHOMBURGK (Sir Robert Hermann) [1804–1865]

Sir R. H. Schomburgk, the traveller, acted as Commissioner for delineating the boundary between British Guiana and Venezuela in 1841-43.

A manuscript of his memoir On the Forest Trees of British Guiana and their uses, etc., read before the British Association in 1844, and subsequently to the Linnean Society, and printed by that Society in its proceedings, is preserved in the Museum (B).

A series of 248 original water-colour drawings of Plants of British Guiana was presented in 1847 in part by Sir Robert himself, and in part by the Secretary of State for the Colonies, Earl Grey (B).

SCHOUMAN (Aart) [1710-1792]

Two original water-colour drawings of snakes (Z).

SCLATER (P. L.) [1829–1913]

MS. alphabetical index to the Genera in the 27 volumes of the Catalogue of Birds in the British Museum, 1899 (Z).

A collection of autograph letters addressed to A. Günther, 1862–1898, is preserved in the Günther Collection (L).

SCOTT (Ernest) [1892-1949]

Manuscript "Log of the sixth Anglo-Catholic pilgrimage to Palestine April-May, 1930".

Presented by his brother Dr. Hugh Scott F.R.S. in 1957 (E).

SCOTT (Hugh) [1885–1960]

Twelve note-books and a box, containing manuscript journals of Hugh Scott over the period 1899–1937, also eight albums of photographs and some miscellaneous note-books (L).

A series of letters addressed to Dr. H. Scott from Dr. David Sharp and other correspondents 1901–1956 (E).

SCOURFIELD (David Joseph) [1866-1949]

A collection of manuscript notes, original sketches and correspondence relating to Rhynie Chert fossils (P), also notes and original drawings relating to Entomostraca (Z). Presented by Mrs. Scourfield in 1950.

SEALARK, H.M.S.

MS. descriptions of bottom samples collected in the Indian Ocean, 1905 (M).

SEEBOHM (Henry) [1832–1895]

4 MS. diaries of travels to Turkey, Greece, Norway, the Danube &c. from 1872–1882, also a manuscript catalogue of the Eggs of Birds in the British Museum in 10 volumes (Z).

SEELEY (Harry Govier) [1839-1909]

A collection of autograph letters, 1892–1893, addressed to A. S. Woodward, also a list of fossil reptiles purchased from Mrs. Seeley, 1909–1910 (P).

"An outline of the Osteology of the animals which are usually named Reptiles". One volume in the author's autograph (P).

See also KANNEMEYER (Danniel Russouw)

SEWARD (Sir Albert Charles) [1863–1941]

Typescript and illustrations of "Antarctic Fossil Plants of the 1910 'Terra Nova' Expedition" 1914 (P).

SEWELL (Robert Beresford Seymour) [1880-

A quantity of manuscript station records, log books, charts and miscellaneous data relating to the John Murray Expedition to the Indian Ocean 1933–1934, was presented to the Museum in 1961 (Z).

SEYFFERT (Heinrichus Christophorus)

133 original water-colour drawings of Fungi, by H. C. Seyffert, a physician at Pössneck, form the Banksian MS. No. 65 (B).

SEYMER (Henry) [1745–1800]

A copy of Cramer's *Papillons exotiques* which had belonged to H. Seymer of Hanford, Dorset, who had added the Linnean names and retouched several of the coloured plates, was presented by A. B. Lambert in 1841 (E).

SHARP (David) [1840–1922]

MS. catalogue of the localities for Sharp's collection of British Coleoptera, 1861-75 (E).

SHARP (G. J.)

Two water-colour sketches of cassowaries (Z).

SHARPE (Richard Bowdler) [1847–1909]

This famous ornithologist was in charge of the bird collections in the Museum from 1872 until his death in 1909. One of his last tasks was the completion of the fifth volume of his "Hand-list of the genera and species of birds".

A manuscript key to the English names of birds listed in the hand-list, in Sharpe's holograph, is preserved in the Museum (Z).

SHAW (D.) formerly D. Schmidt

Manuscript catalogue of a collection of fossils and minerals, presented by his grandson, Lt. Col. C. T. Shaw, in 1952 (P).

SHAW (George) [1751-1813]

185 original water-colour, pen-and-ink and pencil sketches, by G. Shaw, Keeper of the Natural History Section of the British Museum, 1807–1813, were presented in 1896, also a manuscript copy (by William Clift) of Dr. Shaw's catalogue of part of the natural history collections preserved in spirit in the Hunterian Museum, 1806 (L).

SHELLEY (George Ernest) [1840-1910]

The artist's pattern plates of this author's Monograph of the Nectariniidae, or family of Sun-Birds, were presented to the Museum in 1921 (Z).

SHEPHERD (Charles Edward)

Manuscript notes and sketches relating to the Shepherd Collection of fish otoliths (P).

SHERARD (William) [1659-1728]

W. Sherard, the Botanist who was Consul at Smyrna, contributed some notes and observations on the first two volumes of Ray's *Historia Plantarum* and his MSS. endorsed by Ray, form Banksian MS. No. 80 (B).

SHERBORN (Charles Davies) [1861-1942]

Compiler of the stupendous *Index Animalium* covering the years 1758–1850. Sherborn's holograph slips for this work, the minute book of the Committee supervising the compilation, and the manuscript of his last book, published in 1940, under the title *Where is the — Collection* are preserved in the Museum (L), also MS. field notes for Rowe & Sherborn's Chalk Papers published in *Proc. Geol. Soc.* 1900–1908 and "Evidences as to the dates of books, collected while compiling the Index Animalium, 1890–1926", 2 vol., together with a collection of correspondence relating to the compilation of the *Index Animalium* 1903–1939 (P).

SHRUBSOLE (William Hobbs) [1838-

A collection of holograph letters from various correspondents, including Sir Richard Owen, 1879–1914 (P).

SHUEL (Ronald S.)

Two volumes containing details of the Shuel collection of birds' eggs (Z).

SICH (Alfred)

309 original water-colour drawings of Lepidoptera larvae and their food plants, also a note-book containing 103 drawings of moths, 1877–1920 (E).

SIDDALL (John Davies)

MS. note book belonging to J. D. Siddall with autograph letters from H. B. Brady inserted, also the original drawings for the author's paper on *Shepheardella*, and manuscript of a lecture on *The Foraminifera of the River Dec*, read Dec. 11, 1873 (Z).

SIDEBOTTOM (Henry)

The original drawings for the Report on the recent Foraminifera from the coast of the Island of Delos 1904–09, are preserved in the Museum, also an album of original drawings for the plates of Lagenae of the south-west Pacific Ocean published in the Journal Quekett Microscopical Club 1912–1913 (Z).

SIMPSON (Martin) [1799–1892]

M. Simpson, the Geologist, was author of several works on the geology and palæontology of Yorkshire.

His original drawings of Belemnites for his book on *The Fossils of the Yorkshire Lias*, consisting of 8 unpublished plates, were presented in 1899 (P).

SIMONS (Perry O.)

MS. notes on localities of the Simons bird collection (Z).

SIMULA (Johann Gottfried)

"Flora exotica", 474 water-colour drawings, 1720 (B).

SLOANE (Sir Hans) [1660–1753]

The original manuscript catalogues of the natural history collections of Sir H. Sloane, 17 volumes in all; the copy of his *Voyage to the Islands Madera, Barbados . . . and Jamaica*, &c., annotated in his autograph; the original drawings for the plates to that work (bound up with the specimens from which they were made in the 8 volumes of Sloane's Jamaica Herbarium) and his copy of Ray's *Historia Plantarum*, with marginal references to his herbarium, and autograph addenda, may be said to have formed the nucleus of the present Natural History Library (B, P, M & Z).

The MS. catalogue of his Vegetable and Vegetable substances Collection. 3 vol. (B).

A series of pen-and-ink drawings with autograph descriptions by G. J. Camellus, entitled "Descriptiones Fruticum et Arborum Luzonis," etc., from Sir H. Sloane's library, was transferred from the MSS. Department in 1884 (B).

MS. list of Sloanian specimens preserved in the Palaeontological Department, compiled by C. D. Sherborn, 1889 (P).

A copy of the portrait, now in the National Portrait Gallery, by Stephen Slaughter, 1736 (D).

SMIT (J.)

Two original water-colour drawings of cassowaries, 1898, 3 other birds and 24 mammals (Z).

One framed water-colour drawing of a bird (T).

SMITH () Major [fl. 1845–1847]

Manuscript of local lists of British plants with descriptions of some 200 British lichens (B).

SMITH (Miss Annie Lorrain) [1854–1937]

A collection of manuscript notes on Cryptogams (B).

SMITH (Arthur) [1916-

A collection of original drawings of Insects (E).

SMITH (Charles Hamilton) [1776-1859]

Smith's original MS. on Horses, the Equida or genus Equus of authors, illustrated with 100 water-colour drawings, is preserved in the Museum (Z). It formed the basis for the volume in the Naturalists' Library.

SMITH (Christian) [1785–1816]

A manuscript biography of Christian Smith, Prof. of Botany at the University of Christiania, who travelled in the British Isles, to Madeira and Teneriffe and lost his life on Tuckev's Congo Expedition in 1816, is preserved in the Museum (B).

SMITH (Christopher) [-1806?]

183 original water-colour drawings of Plants from the Straits Settlements by C. Smith, Superintendent, Botanic Gardens, Moluccas, were acquired in 1885 (B).

SMITH (Edward) [1839–1919]

The library purchased in 1963 a grangerized copy of Smith's *Life of Sir Joseph Banks* containing a number of autograph letters from Banks, Sir Evan Nepean, Captain C. J. Phipps, Sir James Smith and others (L).

SMITH (Edwin Dalton) [fl. 1823–1832]

56 original water-colour drawings by E. D. Smith for the illustrations to R. Sweet's *Flora Australasica* are preserved in the Museum (B).

SMITH (Matilda)

A number of pencil sketches of plants of Madagascar, originals of plates published by J. G. Baker in J. Linn. Soc. Botany 20 1883 (B).

SMITH (M. H.) Mrs., of Tunbridge Wells

Catalogue of Fossil organic Remains in the cabinet of Mrs. M. H. Smith. (Manuscript list by S. P. Woodward, with water-colour drawings of some of the specimens by him, G. A. Mantell, W. L. Bensted, J. Delves, and T. Merritt. 1845–46 (P).

SMITH (Stanley)

Correspondence addressed to members of the Palaeontological Department, 1924–1933, with copies of the replies (P).

SMITH (William) [1769-1839]

Of the few but valuable maps, or their facsimiles, and memoirs by W. Smith, "The Father of English Geology," the Museum possesses (P):—

- 1. Observations on . . . Water Meadows . . . with an account of Prisley Bog, 1806.
- 2. Photograph of the original MS., in the possession of the Geological Society, of a Table of the "Order of Strata and their embedded Organic remains, in the vicinity of Bath, examined and proved prior to 1799." This was dictated by Smith and written down by the Rev. Benjamin Richardson at the house of the Rev. J. Townsend in 1799. It was revised and printed in the Memoir to the Map in 1815. This facsimile was presented to the Museum in 1897 by Prof. J. W. Judd.
- 3. A coloured photographic reproduction of "A map of five miles round the City of Bath, on a scale of one inch and half to a mile . . . 1799," geologically coloured the same year by W. Smith, of which the original is in the possession of the Geological Society, presented in 1897 by Prof. J. W. Judd.
- 4. A coloured photographic reproduction of the "General Map of Strata found in England and Wales . . . 1801" [Scale 1 in. = 37 m. about], taken from the original in the possession of the Geological Society, presented in 1897 by Prof. J. W. Judd.
- 5. A geological map begun in 1812 and completed in 1815 entitled, "A delineation of the Strata of England and Wales with part of Scotland" [Scale 1 in. = 5 m.], presented in 1880 by Mr. (afterwards Sir) A. W. Franks.
 - 6. A Memoir to the Map, etc., 1815.
- 7. A new Geological Atlas of England and Wales [Scale from $1\frac{3}{4}$ to $8\frac{1}{2}$ m. = 1 in.], Pt. i.—iii. and vi. [Besides Pt. iv. and v. the maps of Wilts, Cumberland and Westmorland are wanting.] Purchased 1889.
 - 8. Strata identified by Organized Fossils, 1816.
 - 9. Stratigraphical System of Organized Fossils, 1817.
- 10. Six coloured geological views and sections across various parts of England and Wales, 1817–19, formerly in the library of Smith's nephew, J. Phillips (afterwards Professor of Geology at Oxford), presented by W. Topley in 1887.
- 11. A new Geological Map of England and Wales [Scale 1 in. = 15 m.], 1827. Presented, in 1884, by W. Carruthers, who notes that it is identical with editions dated 1820 and 1828.
 - 12. Synopsis of Geological Phenomena, 1832.

In 1872 "A Book about W. Smith, LL.D., and the Somersetshire Coal-Canal," was projected by W. S. Mitchell; his notes and photographs with geologically coloured keys were purchased, circa 1890 (P).

A collection of correspondence, biographical material and manuscript notes, assembled and presented by A. G. Davis (P).

SMITH (Worthington George) [1835–1917]

A large amount of material by W. G. Smith has been presented to the Botanical Department and includes:—A set of proofs on India paper of his illustrations to J. Stevenson's *Hymenomycetes Britannici*; upwards of 1,500 water-colour drawings of fungi, as well as a complete series of the British Hymenomycetes; 39 water-colour drawings of British Orchidaceae, and 26 plates of pen-and-ink drawings of pollen grains; 250 sheets of magnified drawings of plants, dated 1905–11;

133 sheets of outline drawings of genera and subgenera for his *Synopsis of the Basidiomycetes*, 1908, and collections of manuscript notes on fungi and diseases of plants (B).

323 pen and ink, and wash process drawings, twice the scale of Nature, of cultivated or garden and greenhouse Plants, being the originals of plates in the *Gardiner's*

Chronicle,? 1904-1915 (B).

SMYTH (William)

Smyth was Mate of H.M.S. "Blossom" which made a voyage to the Pacific and Behring Straits in 1825–1828 and nineteen folios of his water-colour drawings of vertebrates with MS. notes are preserved in the Museum (Z).

SNELLING (Lilian) [1879–

Four water-colour drawings of plants, c. 1922 (B).

SOAR (Charles David)

Original drawings used to illustrate papers on mites by C. F. George, 1900–1915 (Z).

SOCIETY OF AMATEUR BOTANISTS, LONDON

Two volumes of manuscript of papers read at meetings of the Society, illustrated with some original drawings 1863–1864 (B).

SOLANDER (Daniel Charles) [1736-1782]

Solander, the Swedish botanist, and pupil of Linnæus, became Assistant Librarian at the British Museum and at the same time acted as librarian to Sir J. Banks. He accompanied the latter on Capt. J. Cook's first voyage round the world (1768–71), and the complete set of his autograph notes made during that voyage, from the original rough notes to the completed descriptions, with lists of the various local faunas and floras are preserved (B, Z), as well as a series of lists of the Plants collected during Cook's first voyage (1768–71) in the order in which they were arranged in the drying books in which they were brought home (B).

A "Florula Indiæ Occidentalis" and a "Florula Capensis" contain complete lists of the then known species from those regions (B).

A descriptive slip-catalogue of Animals and Plants,⁶ systematically arranged and kept in Solander cases, has since been bound and occupies, Animals 27 (Z), and Plants 25 volumes (B).

Lists and descriptions by Solander of the Plants (B), and Fish (Z), obtained during the visit with Banks to Iceland in 1772, as well as many other manuscripts written in connection with his curatorship of the Banksian Museum, came with those before mentioned in that Collection.

Many of the above manuscripts are interspersed with notes in Banks' hand-writing.

SOLDANI (Ambrogio) [1733-1808]

A copy of Soldani's rare work Testaceographiae ac Zoophytographiae parvae et microscopicae tomus primas (-secundus), was by bequest of H. B. Brady presented by the Royal Society in 1891 (L).

The Plant Catalogue practically formed the basis of Aiton's Hortus Kewensis and also relates to the Banksian Herbarium.

SOWERBY (Arthur de Carle) [1885-1954]

Geneological tree of the family of John Sowerby [1718–1766] and Arabella Goodreed [1725–1782], prepared in 1950, also other biographical details of the Sowerby family (P).

SOWERBY (George Brettingham) [1788-1854]

Manuscript catalogue of the Mollusca contained in the Museum of the East India Company (Z).

SOWERBY (George Brettingham) 2nd of the name [1812–1884]

148 original water-colour drawings of fossil remains from the neighbourhood of Cheltenham, c. 1840 (L).

SOWERBY (James) [1757–1822]

James Sowerby, naturalist and artist, illustrated many works on natural history. His original drawings for Plates i, ii and xii of Aiton's *Hortus Kewensis*, form part of the Banksian MS. No. 17 (B).

The original drawings for No. 2-4 of Dickson's Fasciculus Plantarum Cryptogamarum Britanniae, form the Banksian MS. No. 21 (B).

The original water-colour drawings for the *English Botany*, over 2,500 in number, were purchased in 1859 (B).

The original water-colour drawings for his *English Fungi* were presented in 1876 and have been incorporated in the collection of drawings of Fungi (B).

A collection of coloured drawings of plants growing in the garden of Lettsom at Grove Hill, Camberwell. 2 vol. c.1787 (B).

Manuscript report and correspondence on [Dry Rot in ships] 1812-1814 (B).

Three original water-colour drawings of Minerals were acquired with the collection bequeathed by Sir Arthur Russell in 1964 (M).

213 original coloured drawings of Fungi together with MSS, were purchased in 1937 (B).

An extensive collection of c. 2,500 autograph letters of botanists, geologists, mineralogists, entomologists and antiquaries, mostly written before 1850 to James Sowerby and his son J. de C. Sowerby, together with autograph notes, drafts and drawings relating to zoological and botanical subjects was purchased in 1969 (L) and Departmental Libraries. See also Fraser (John).

SOWERBY (James De Carle) [1787–1871]

James De Carle Sowerby was well known both as a naturalist and artist.

His original water-colour drawings for the illustrations to the Supplement to English Botany were purchased in 1862 (B).

29 plates of original water-colour drawings of mosses, dated 1803, from which the plates to Dawson Turner's *Muscologiæ Hibernicæ Spicilegium* were engraved, were purchased in 1866 (B).

The set of 65 original water-colour drawings of Chelonia to illustrate J. Bell's *Monograph of the Testudinata* and subsequently utilised for Sowerby and Lear's *Tortoises*, was presented in 1875 (Z).

SPAENDONCK (Gerrit van) [1746–1822]

70 water-colour drawings of Flowers after Nature, by G. Spaendonck, the celebrated botanical artist at the Jardin des Plantes, Paris, were purchased in 1885 (B).

SPAINK (G.)

Original drawings of *Odostomia* from specimens in the Mollusca Section and Palaeontology Department of the Museum. 13 ff. 1962 (Z).

SPRAGUE (T. B.) and (B.)

Two note-books with numerous drawings relating to Entomostraca. 1899–1901 (Z).

STAINTON (Henry Tibbats) [1822–1892]

This eminent 19th century entomologist conducted an extensive correspondence with the naturalists of his day and a very large number of letters received by him over the period 1852–1892 are preserved in the Museum. A collection of his water-colour drawings illustrating the life-history of the Micro-Lepidoptera was presented by Lord Walsingham in 1893 (E).

STALKER (W.)

Three note-books relating to the birds of New Guinea, c. 1909 (Z).

STANDISH (

1021 original water-colour drawings on 245 folios, of British Lepidoptera, circa 1800 (E).

STARING (M. H. A.)

One water-colour drawing of Varanus kumodoensis, 1926 (Z).

STARKS (Chloe Lesley)

Seven wash drawings of bones of reptiles (Z).

STEBBING (Thomas Roscoe Rede) [1835–1926]

Many original drawings used to illustrate this author's publications have been presented, including those of his "Challenger" Report on the Amphipoda published in 1889 (Z).

STEINMAN (Bella)

Seven water-colour drawings of insect larvae, ante 1880 (E).

STELFOX (Arthur William)

Original drawings by A. W. Stelfox to illustrate his paper—The Pisidium Fauna of the Grand Junction Canal in Herts and Bucks—published in *J. Conchology* **15** 1918: 289–304, also three box files of notes and correspondence relating to Mollusca, covering the period 1907–1950 (Z).

STENNETT (Ralph)

43 original water-colour drawings of plants, named by David Don, 1805–1807 (B).

STEPHENS (James Francis) [1792–1852]

One volume of letters from various correspondents addressed to J. F. Stephens, 1825–1837 (Z), also 94 original pattern plates of his *Illustrations of British Entomology* (E).

STEPHENS (William) [fl. 1718–1732]

A "Catalogus Plantarum in Horto Dubliniensi," in part in the handwriting of W. Stephens, Botanist and Lecturer at Trinity College, Dublin, forms the Banksian MS. No. 92 (B).

STEPHENSON (Thomas Alan) [1898-1961]

Five original framed paintings of invertebrate animals and one of iridescent sea weeds were presented by Mrs. Stephenson in 1965 (Z).

STEWART (James) [1791–1863]

A collection of water-colour drawings of birds by Stewart, published in Sir William Jardine's *Naturalists Library* (Z).

STONE (Sarah)

One portfolio of drawings, mostly of zoological subjects, for Sir Ashton Lever's Museum, 1781–1785 (L). Thirteen water-colour drawings of birds, c. 1788, were acquired with the Rothschild bequest in 1937 (T).

STRACHEY (Sir Richard) [1817–1908]

A small collection of manuscript notes and sketches relating to Geology, presented in 1909 (P).

STRICKLAND (Catherine Dorcas Maule) Mrs.

A collection of miscellaneous sketches and photographs, including a number of water-colour drawings of birds by Mrs. Catherine Strickland, wife of Hugh Strickland, daughter of Sir William Jardine, covering the period 1846–1873 (Z) and (L). Manuscript diary of a continental honeymoon tour in 1845 (P).

STRICKLAND (Hugh Edwin) [1811-1853]

A sketch book of a tour in Asia Minor in 1837. Some of these sketches were reproduced in Sir William Jardine's Memoirs of H. E. Strickland, 1858.

An autograph diary of a tour of Scotland in 1838 (P).

Manuscript journal of a visit to the continent of Europe in July-October 1845 (L).

STUART (John) 3rd Earl of Bute

See MILLER (John)

SUTHERLAND (Peter Cormack) [1822-1900]

Manuscript notes and descriptions of zoological specimens collected during the voyage of the steamship Isabel in 1852 (Z).

SWAINSON (Isaac) [1746–1812]

Formed a private botanical garden at Twickenham and a collection of 11,325 plates and original water-colour drawings of plants; these were acquired in 1913 (B).

SWAINSON (J. T.) [-1825]

Manuscript catalogue of fossil shells (P). Manuscript catalogue of British shells 1783–1808 (Z).

SWANSTON (William)

Autograph MSS. relating to the geological excursions of W. Swanston, 1875–1876 21 ff. (P).

SWEBACH-DESFONTAINES (François Louis) [fl. 1769]

MS. prospectus: "Histoire naturelle, ou exposition des morceaux, les mieux choisis pour servir à l'étude de la minéralogie et de la cristallographie", with 160 original drawings in colour, some in two versions, of minerals. The prospectus is signed "à Paris 1789. Swebach Desfontaines... La revolution est cause que cet ourvage n'a pas paru".

Recueil complet de Mineralogie. . . . 5 vol. MS. and 246 hand-coloured plates (M).

SWEDEN

192 original water-colour drawings, on 24 sheets, of Swedish moths, caterpillars, and spiders. Forms the Banksian MS. No. 87 (E).

SWEET (Robert) [1783-1835]

The 56 original water-colour drawings by E. D. Smith for Sweet's *Flora Australasica* are preserved in the Museum (B).

SWINEY LECTURES ON GEOLOGY

Manuscript abstracts of these lectures from 1883-1949 are preserved in the Museum (P).

SYKES (William Henry) [1790-1872]

Manuscript notes, with a few small sketches by W. H. Sykes, and some water-colour drawings by native artists, describing the economic plants and agriculture of the Deccan. 10 volumes. ? 1824–30 (L).

SYLVIA, H.M.S.

MS. account of soundings obtained in the Red Sea by H.M.S. "Sylvia", 1877 (M).

TALBOT (Percy Amaury) [1877-

24 water-colour and pencil sketches of Nigerian plants (B).

TAUBE (Baroness Helene von)

See BICKNELL (Clarence)

TAYLOR (C.) [1762-1818]

Letters from William Roxburgh. 1 vol. (Phillipps MSS. No. 18552) (B).

TAYLOR (J. E. Campbell-)

MS. catalogue of British land and freshwater Mollusca in the collection of J. E. Campbell-Taylor, presented to the Museum in 1948 (Z).

TAYLOR (J. Kidson)

MS. notes on shells of the genera Cypraea, Amphidromus and Olivella. 302 pp. c. 1915 (Z).

TAYLOR (John William) [1845–1931]

208 MS. note-books containing data collected by the author for his Monograph of the land and freshwater Mollusca of the British Isles, published between 1894–1921; this was never completed. When publication was suspended the author was 76 years old with about a quarter of the land and all the aquatic species still to be done, so much of the manuscript data is unpublished.

There are also the author's own copies of two of the volumes with his holograph annotations and additions, together with a quantity of manuscript notes, correspondence and a typescript list of his shell collection (Z).

TAYLOR (R.)

A collection of letters from G. A. W. Arnott, C. Johnson and other botanists, 1858–1859 (B).

TAYLOR (Simon) [-1798]

25 water-colour drawings of plants, some dated 1776-1777 (B).

106 water-colour drawings of plants, undated, formerly in the collection of the Earl of Bute (B).

TAYLOR (Thomas Lombe-)

Sub-kingdom Mollusca. A manuscript catalogue in four volumes (Z).

TCHERNAVIN (Vladimir Viacheslavovich) [1887–1949]

A collection of original drawings and photographs used in his ichthyological publications is preserved in the Museum (Z).

TEALE (Sir Edmund Oswald) [1874-

Manuscript details of localities of the Teale Collection of Australian fossils, presented in 1925 (P).

TEIXEIRA (J.)

One water-colour drawing of Tulipa Gesneriana dated 1820 (E).

TEMPLE (Vere) Miss

102 original water-colour drawings of British plants and trees, dated between 1928 and 1967, was acquired in 1968 (B).

TEMPLETON (John) [1766–1825]

300 drawings of Irish Cryptogams, with manuscript notes. Presented by Miss A. L. Smith in 1931 (B).

TENISON (William Percival Cosnahan) [1884-]

225 original drawings published in C. T. Regan & E. Trewavas Fishes of the families Stomiatidae and Malcosteidae, 1930. 14 original drawings published by these authors in their paper on Deep Sea Angler-Fishes, 1932. 10 drawings of Oceanic Angler-Fishes published in the Museum postcard series Sets M 3 and M 4. 4 original drawings of Patagonian coast fishes published in Discovery Reports 16 1937 (Z).

TERZI (Engel) [-c. 1944]

Numerous examples of the very accurate line and colour drawings of insects by this artist are preserved in the Museum (E), also seven pen and ink drawings of mammal skulls (Z).

THOMAS (Michael Rogers Oldfield) [1859-1929]

Oldfield Thomas was in charge of the mammals in the Museum at the time of the removal to South Kensington and devoted the next forty years to building up these collections. Two portraits in oils of Thomas were bequeathed in 1929; one is signed by J. E. Braun and dated 1904, the other is by an unidentified artist (Z).

THORBURN (Archibald) [1860-1938]

18 original drawings by A. Thorburn for his *British Mammals* published 1920–21 (Z).

THORNHILL (W. Blundell)

A notebook containing original drawings of Lagenidae, with short MS. notes, c. 1895–1900. At the time of his death (c. 1900) W. B. Thornhill was engaged on an account of the Lagenidae from the south-west Pacific. His collection passed to H. Sidebottom who published the work, 1912–1913 (Z).

THUNBERG (Carl Pehr) [1743-1822]

An autograph "Flora Capensis" made some time prior to 1782 by the celebrated naturalist Thunberg (that is of interest as showing the state of the work at that time as contrasted with its extension when first published in 1820), with a transcript in Dryander's handwriting, were among the Banksian MSS. (B).

TICEHURST (Claude Buchanan)

Four folders of incomplete notes for a book on Indian birds (Z).

TICKELL (Samuel Richard) [c. 1809-1875]

41 water-colour drawings and illustrated MS. relating to Indian Birds, forming one of a set of volumes from which the illustrated MS. work by Tickell on mammals &c. of India, in the library of the Zoological Society of London was elaborated, also 64 water-colour drawings of Arakan fishes (Z).

TILLI (Michael Angelus) [1655-1740]

An autograph "Specimen Plantarum quae in Horto Medico Sapientiae Pisanae locisque finitimis extant" 1713–30 (3 vol.), by M. A. Tilli, Professor of Botany at Pisa, forms the Banksian MS. No. 111 (B).

TOMLIN (John Read le Brockton) [1864-1954]

Two manuscript note-books on *Oliva* &c. Seven files containing autograph lists of Mollusca in the Museum collections c. 1923 (Z).

TONGE (Mrs Olivia Frances) [1858-1949]

Sixteen sketch books of Indian subjects, done at Sind, Calcutta, etc., between 1908 and 1913 were presented in 1952 (L).

TOPLEY (William) [1841-1894]

A set of the six views and geological sections of various parts of England and

Wales, made by W. Smith in 1817–19, was presented in 1887 by W. Topley, the Geologist. (P).

TOURNEFORT (Joseph Pitton de) [1656–1708]

A copy of the manuscript of the celebrated French Botanist Tournefort, entitled "Catalogue des Plantes que M. P. de Tournefort trouva dans ses voyages d'Espagne et de Portugal, "forms the Banksian MS., No. 82 (B).

TOYNBEE (Mrs. Henry)

189 original water-colour drawings of Marine Animals and Plants made by Mrs. Toynbee during voyages between England and India, via the Cape, in 1856–58, with manuscript notes, were presented in 1895 by Capt. H. Toynbee (Z).

TREGONING (Joseph) of Truro

A collection of autograph correspondence addressed to John Hawkins, a distinguished Cornishman and mining geologist, covering the period 1800–1840 (M).

TRISTRAM (Henry Baker) [1822-1906]

Manuscript register of the egg cabinets of the Rev. H. B. Tristram, 9 vol. [in 3]; these were presented to the Museum in 1927. Volume I contains a portrait and biographical details of the collector (Z).

TRITON, H.M.S.

MS. descriptions of soundings taken in the Atlantic Ocean, 1882 (M).

TRUAN y LUARD (Alfred) [1837–1890]

Autograph letters from various correspondents to Truan, 1886-1890 (B).

TUCKEY (James Kingston) [1776-1816]

8 original drawings of crustacea, by several artists, collected on Captain Tuckey's expedition to explore the River Congo in 1816 (Z).

TUNNARD (T. E.)

Notes on birds' eggs collected in Ceylon, 1923-1926 (Z).

TURNER (Dawson) [1775-1858]

Autograph letters to William Roscoe and others, 1809–1829 (B).

TUSCARORA, U.S.S.

MS. descriptions of soundings taken by U.S.S. "Tuscarora" in the Pacific Ocean, 1873–1878 (M).

TWEEDDALE, Arthur Hay, 9th Marquess of [1824-1878]

The Marquess of Tweeddale, traveller and ornithologist, formed an extensive library, which, numbering 698 works in 2,560 volumes with about 200 pamphlets, was presented by his nephew, Capt. R. G. Wardlaw-Ramsay, in 1887. Two manuscript catalogues of the specimens of birds in the Tweeddale collection, dated 1880 are preserved (Z).

TWELVETREES (William Harper) [1848-1919]

101 mounted original drawings, mostly in pencil, of fossil plants, shells and bones from the Russian Permian cupriferous marls north of the town of Orenburg, 1877, I vol. (P).

TWINING (Elizabeth) [1805-1889]

176 drawings of plants including the originals for her *Illustrations of the Natural Order of Plants* 1849–1855 (B).

TYTLER (R. C.)

326 original water-colour drawings of Indian Birds made for R. C. Tytler c. 1840–1860 (Z).

UDINE (G. da)

See BIRDS

ULRICH (Edward Oscar) [1857-

Manuscript catalogue of species and thin-sections contained in a set of American fossil Bryozoa prepared for the Museum in 1897–99, with notes on systematic classification (P).

VALOROUS, H.M.S.

MS. notes on Foraminifera collected from the North Atlantic Ocean, 1875 (M).

VAN DER BYL (P. B.)

12 manuscript note-books of expeditions to Asia, Africa, Europe and North America between 1897 and 1921 (Z).

VAN DER VINNE (Jan Laurenszoon) [1699-1753]

Four sheets of water-colour drawings of tulips (E) and one drawing designated by the artist as "La Charmante Bleue" (B).

VAN DER VINNE (Laurens) [1658-1729]

Two water-colour drawings of lepidoptera (E).

VAN DER VINNE (Vincent) [1736-1811]

Two water-colour drawings of flowers (B).

VEEN (Rochus van) [-1706]

Water-colour drawings of Cobitus barbatulus, Trutta fario, Trigla gurnadus, signed and dated 1670, Lacerta agilis, Pica caudata, Epeira diadema, and Cancer pagurus, undated (Z).

Six sheets of water-colour drawings of insects, c. 1673—1680 (E).

VELLOZO (José Mariano da Conceicao) [1742-1811]

Thirteen original line drawings for his *Florae Fluminensis* 1825, are preserved in the Museum (B).

VERREAUX (Jean Pierre) [1807–1873]

Photostat of unpublished journal of J. P. Verreaux for the years 1842–1844. The original MS. is in the library of the Australian Museum (Z).

VICARY (W.)

MS. notes made by Dr. F. A. Bather when reporting on the Vicary collection of fossils presented in 1903 (P).

VICTORIA, Queen of Great Britain and Ireland

In 1841, Queen Victoria presented a large series of water-colour drawings by Francis Bauer, "being that part of Mr. Bauer's drawings made at the expense of the late Sir Joseph Banks, Baronet, which did not accompany his Library and Botanical Collections when transferred to the Museum, but was bequeathed by Sir Joseph to his late Majesty King George the Fourth" (B).

VIENNA.—Kaiserlich-Koenlgliches Naturhistorisches Hofmuseum.

21 water-colour drawings of types of Eurema in the Vienna Museum, c. 1887 (E).

VOET (Karel Borchart) [1670-1745]

Eight sheets of water-colour drawings of beetles and one drawing of a butterfly on Scabiosa (E).

WAIT (W. E.) [1878–1957]

MS. register of birds' eggs collected in Ceylon, 1907-1928. I vol. (Z).

WAITE (H. W.)

MS. Register of H. W. Waite collection of Indian bird skins, the greater part of which were presented to the Museum in 1948 & 1949 (Z).

WAKEHURST, Lord

See LODER (Gerald Walter Erskine)

WALDO (Edmund Gustavus Bloomfield Meade-) [1855-1934]

28 diaries and note-books covering the period 1889–1923, and some correspondence concerning observations on Kites. One note-book relates to the cruise of the R.Y.S. "Valhalla", 1905–1906, and contains the original observation of the seaserpent seen off the coast of Brazil, December 7th 1905, and reported in the *Proc. Zool. Soc. London* 1906: 719, also one note-book on birds of the Canary Islands collected 1887–1888 (Z).

MS. account of a collection of Butterflies from Morocco, 1903 (L).

WALKER (Bryant) [1856-1936]

Ten letters addressed to A. J. Peile relating to description and collection of shells, 1922–1929 (Z).

WALKER (Francis) [1809–1874]

Manuscript account of the Diptera of Madeira, apparently unpublished (E).

WALKER (John Francis)

Correspondence relating to fossil Brachiopoda addressed to J. F. Walker, 1865–1907 (P).

WALLACE (Alfred Russel) [1823-1913]

Two MS. note-books, giving localities for his collections of birds &c. in the Malay Archipelago, 1855–1861.

Four volumes of original pencil drawings of fishes of the Rio Negro, made between 1850–1852.

A number of MS. descriptions of fishes and some other animals of the Amazon and Rio Negro (Z).

A framed portrait in oils is preserved in the Museum (D).

WALLER (Edward) [1803-1873]

Seven drawings—" J. J. Wild ad nat. del."—of British Foraminifera dredged off the W. Coast of Kerry and off the Shetland Is., by E. Waller, 1870 (Z).

WALLICH (George Charles) [1815-1899]

59 sheets of original drawings in pencil and water-colour, of marine animals, mostly microscopic, with two manuscript charts of voyages between Portsmouth and Calcutta in 1850, 1851 and 1857, and a manuscript notebook containing critical comments on the Reports of the "Challenger" Expedition with summarized details of Sir James Ross's dredgings (Z).

The original manuscript notes and drawings descriptive of the results of dredging during August, 1860, when on H.M.S. "Bulldog", off the south-west coast of Greenland are also preserved in the Museum (L).

A collection of original drawings and manuscript notes on Desmideae and Diatomaceae was presented by the Royal Microscopical Society in 1918 (B).

WALLICH (Nathanael) [1786-1854]

100 water-colour drawings of plants made by native artists for Wallich's Plantae Asiaticae Rariores 1830–1832 (B).

WALSINGHAM, Baron

See DE GREY (Thomas)

WALTON (Sarah)

One water-colour drawing of Cephalanthera grandiflora (B).

WARD (John)

Manuscript Catalogue of Fossil Fishes and Amphibia from the Coal Measures, principally of North Staffordshire, 1892 (P).

WARREN (Samuel Hazzledine) [1873-1958]

Two-note-books of numbered localities and specimens of fossils collected by S. H. Warren. Purchased in 1936 (P).

WARREN (William) [1839–1914]

A collection of his manuscript notes relating to Heterocera (E).

WATELET (Adolphe) [1811-1879]

Watelet, the palæobotanist was author of a Description des Plantes fossiles du bassin de Paris, 1866. The original pencil drawings for the plates to that work, with 21 additional unpublished ones, and their descriptions in manuscript, were purchased in 1880 (P).

WATERHOUSE (Alfred) [1830-1905]

The famous 19th century architect who in 1868 was entrusted with the construction of this Museum, on which he allowed himself an unwonted exuberance of detail. Two sketch books containing pencil drawings for the ornamentation of the Museum were presented in 1962 (L).

WATERHOUSE (George Robert) [1810-1888]

Letters of Waterhouse to his father J. E. Waterhouse dated 1836 and other

correspondence relating to his employment at the Zoological Society of London and later as Keeper of Geology in the British Museum, also a series of letters addressed to the well known entomologist, H. T. Stainton, 1861–1864 (L).

A preliminary manuscript for a catalogue of Fossil Vertebrata in the Museum, written between 1847 and 1851 is also preserved (P).

WATLING (Thomas) [1762-

Watling was convicted of forgery and sentenced at Dumfries in April 1789 to be transported for 14 years; he eventually reached Sydney, New South Wales, on 7th October 1792. A collection of 512 original water-colour drawings of the Natives, Animals, Plants and Scenery (with maps) in the neighbourhood of Port Jackson, New South Wales, c. 1792–1794, was purchased in 1902 (Z). The collection has come to be known as the "Watling Drawings" although many are not by Watling and the works of at least three distinct artists are included. Paintings by Watling are signed Thos. Watling or T. Watling, none of the others have any signature.

WATSON (Hewett Cottrell) [1804-1881]

The manuscript records used in the compilation of Watson's Cybele Britannica were presented in 1887, also MS. notes intended for an Addenda (B)

WATERTON (Charles) [1782-1865]

MS. copy of an unpublished paper on "Living in the Tropics". ff. [i] 9. 1838 (L).

WATSON (Robert Boog) [1823-1910]

One note-book containing manuscript notes on Mollusca c. 1863–1892 (L), also autograph notes on the Mollusca obtained by the Challenger Expedition 1873–1876 (M).

WATSON (White) [fl. 1773–1831]

Manuscript "Catalogue of a collection for Fossils, the produce of Derbyshire. . . ." I vol. 1799 (M).

WATTISON (J. T.)

Six sheets of original drawings for Wattison's "Lepidopteros de Portugal" Mems Estud. Mus. Zool. Univ. Coimbra, No. 29, 1928–1930.

The drawings, made by a Portuguese convict imprisoned for forging bank notes were checked and corrected by the author (E).

WATTS (G.) Lt. Colonel

Eight volumes of MS. botanical note-books, 1921–1947 (B).

WEBB (Philip Barker) [1793–1854]

Manuscript biography of P. Barker-Webb by Jacques Gay, q.v. 1856 (B).

WEBBER (John) [1752-1793]

Webber was appointed draughtsman to Captain Cook's third voyage. One water-colour drawing of *Pringlea antiscorbutica* is preserved in the Museum; also two of plants bound with the collection of drawings by Francis Masson (B).

WEHDEMANN (C. H.)

56 original water-colour sketches of plants growing about Plettenburg Bay on

the coast of Africa, with autograph descriptions by Major-General Hardwicke, 1812 (B).

WELWITSCH (Friedrich Martin Josef) [1806-1872]

Correspondence addressed to Welwitsch, c. 1865 is preserved in the Museum, also his manuscript notes on Cryptogams (B).

WENDLAND (Johann Christoph) [1755-1828]

20 water-colour drawings of the genus Erica, some dated 1787 (B).

WESTON (Joseph)

Manuscript catalogue of a collection of fossil fishes purchased in 1890 (P).

WESTWOOD (John Obadiah) [1805-1893]

Three volumes of original water-colour drawings of insects, c. 1832, 36 unpublished drawings of Madeiran insects, and 24 water-colour drawings of Lepidoptera from Madeira and the Canary Is., together with 15 unpublished drawings of Coleoptera from the Salvages, 1857–1860 (E).

WETHERELL (Nathaniel Thomas) [1800-1875]

Figures cut out from an unpublished plate of London Clay shells from Highgate Archway, also some manuscripts referring to his paper on the Well at Hampstead c. 1832–1838 (P).

WHALE

Oil painting of a stranded Rorqual Whale, late 16th century (Z).

WHEELER (Edwin), of Clifton [1833-1909]

2,449 water-colour drawings of British Fungi made between 1880 and 1895 by Mr. Wheeler, were presented in 1895 (B). 127 sheets of water-colour drawings of fishes from British localities, done between 1897 and 1908, were purchased in 1959 (Z).

WHEELER (J. F. G.)

Four coloured drawings for J. F. G. Wheeler's report on "Nemerteans from the South Atlantic" published in *Discovery Reports* 9: 215-294, 1934 (Z).

WHELER, Mrs.

Five water-colour drawings of birds made by a native artist for Mrs. Wheler, wife of a member of the Supreme Council of Bengal, c. 1783 (Z).

WHIMPER (Charles) [1853– See WHYMPER (Charles)

WHISTLER (Hugh) [1889-1943]

Typescript of an unpublished work on the birds of the Himalayas, 212 sh. c. 1942, six bound volumes of manuscript notes on measurements of Indian birds and one of Palaearctic birds, 24 box files containing the author's MS. notes on Indian birds, 2 box files of notes on moulting in birds and one note-book listing the bird skins in the Whistler collection (Z).

WHITE (John) Navigator

Copy of a water-colour drawing made about 1585 by J. White, containing the earliest known representation of the King Crab, Limulus polyphemus (Z).

WHITE (John) [1757-1832]

White went as surgeon-general to Botany Bay. The original drawings used for some of the plates of White's "Journal of a Voyage to New South Wales" are included in the Banksian MS. No. 34 (B).

WHITE (Timothy)

A manuscript copy of Moses Harris' Exposition of English Insects 1776, containing water-colour copies of the plates published in Harris' work, each inscribed "T. White pinx."; the holograph title-page is dated "York 1786" (E).

WHITEHEAD (John) [1860-1899]

Catalogue of birds' eggs in the collection of J. Whitehead, 1881 (Z).

WHYMPER (Charles) [1853-

Framed water-colour painting of a Shoebill Stork, presented by Sir William Garstin in 1925 (Z).

WHYMPER (Edward) [1840–1911]

Three manuscript note-books, with other notes, drawings, proofs and correspondence relating to the Greenland expedition of 1867, also lists of Insects, Spiders &c. collected in Ecuador, Switzerland and North America in the period 1879 to 1892 (Z).

WIGG (Lilly) [1749-1828]

An autograph "Catalogue of Esculent Plants," 1810, by L. Wigg, botanist, of Great Yarmouth, is preserved in the Museum (B).

WIGHT (Robert) [1796-1872]

A large collection of water-colour drawings and manuscript relating to Indian plants (B).

WILCOCK (Joseph) [fl. 1888]

One volume of woodcuts of British Unionidae, and 62 unbound woodcuts of Mollusca together with miscellaneous manuscript correspondence relating to his publications (Z).

WILD (John James)

Official artist on the *Challenger* during the scientific expedition of 1873–1876. His autograph diary kept during the voyage is preserved in the Museum (M). *See also* WALLER (Edward)

WILEMAN (A. E.) [1860–1929]

Nine original drawings for the author's "Notes on Japanese Lepidoptera and their larvae" published in the *Philippine Journal of Science* 1914–1925 (E).

WILKINS (Guy Lawrence) [1905–1957]

138 original drawings of Mollusca were presented by Mrs. A. Wilkins in 1966 (Z).

WILKINS (Sir Hubert) [1888-1958]

Two typescript copies, with manuscript notes by the author, of *Undiscovered Australia*, published in 1928 (L).

WILLEMOES-SUHM (Rudolph von) [1847-1875]

One of the naturalists on the *Challenger* during the scientific expedition of 1873–1876 whose death in 1875 occurred on the voyage to Tahiti. His autograph diary kept during the expedition is preserved in the Museum, also a collection of rough sketches and MS. notes left on board H.M.S. Challenger after his death (M).

WILLIAMS (Frederick Newton) [1862-1923]

MS. of flora of the county of Middlesex. Families 1-50 Campanulaceae-Rosaceae. With the introduction and other notes (B).

WILLIAMS (Roswell C.)

138 sheets of drawings of American Lycaenid genitalia (E).

WILLIAMSON (Sir Walter) [1867–1954]

Manuscript notes on birds of the Far East, mainly Thailand, also papers relating to his collection of Siamese birds' eggs (Z).

WILSON (Alexander) [1766-1813]

Original manuscript of American Ornithology; or the natural history of the Birds of the United States, English edition, in 2 volumes, 1832.

The volumes contain cuttings from the first edition of the *American Ornithology*, with many MS. additions, and from these notes Sir William Jardine published the English edition of the work (Z).

WILSON (Edward Adrian) [1872-1912]

The naturalist and Antarctic explorer. Material preserved in the Museum comprises, one volume of pencil sketches and water-colour drawings of British mammals with MS. notes, 1890–1907.

A quantity of manuscript notes and original drawings of marine mammals c. 1901–1911, also pencil sketches of whales, dolphins and seals made on the British Antarctic "Terra Nova" Expedition, 1910 (Z).

A framed sepia painting of Periphylla (Z).

WILSON (Edwin)

173 original drawings of North American Tortricidae published in the work by Lord Walsingham, 1879 (E).

WILSON (William) [1799-1871]

W. Wilson, the botanist was author of *Muscologia Britannica*. His original drawings and notes, as well as his correspondence (filling 12 volumes) relating to Mosses, were purchased with his Herbarium in 1874 (B).

WINDT (L. E.)

A manuscript on "The Barberry Bush, an enemy to Winter Corn," 1806, translated from the German original of L. E. Windt, that was published 1806, is in the Museum (B).

WING ()

61 sheets of zoological sketches in pencil (Z).

WINKLER (Tiberius Cornelius) [-1898]

Manuscript "Catalogue des poissons fossiles" 1860 (P).

WINKWORTH (Ronald) [1884-1950]

MS. card index of "Who's Who in Conchology" covering the 17th century until 1950, and a quantity of manuscript material including systematic notes, and a card catalogue of genera and species of Mollusca (Z).

WITHERBY (Henry Forbes) [1873-1943]

MS, catalogue of the birds in the museum of H. F. Witherby, 1890–1931, 2 vol. (Z).

WITHERS Mrs.

Flower Painter in Ordinary to Queen Adelaide.

Three botanical water-colour paintings dated 1839–1847 (B).

WITHOOS (Alida) [1659 or 60-1715]

Daughter of Mathias Withoos [1627–1703] a noted painter of plants, reptiles and insects, she worked in her father's manner and eleven of her water-colour plant drawings are preserved in the Museum (B).

WITHOOS (Matthias) [1627-1703]

Three sheets of water-colour drawings of insects (E).

WITHOOS (Pieter) [1654-1693]

Framed painting of the Reunion Dodo and other birds (Z).

WITHORST (Johannes) [1648–1695]

One water-colour drawing of a plant, Icosandria dipentagynia, dated 1682 (B).

WOLF (Josef) [1820-1899]

Original water-colour drawings of the Aye-Aye, by Wolf, are included in the Owen Collection of Drawings (L).

WOLLASTON (Thomas Vernon) [1822-1878]

Autograph correspondence between Sir Richard Owen and T. V. Wollaston relating to expurgation of derogatory remarks in the preface to his *Catalogue of Coleopterous Insects of the Canaries* published by the Museum in 1864 (E).

WOOD (Casey Albert) [1856-1942]

Typewritten copy of a letter dated November 12, 1923, containing, inter alia, ornithological notes of a voyage to Fiji, Australia, New Zealand &c. (Z).

WOOD (Henry Hayton) [1825–1882]

200 drawings of Bryophytes (B).

WOOD (Searles Valentine) [1798-1880]

The original drawings and MS. notes for the Monograph of the Crag Mollusca 1848–1882, were presented as part of the E. Heron-Allen Library (Z).

WOODWARD (Sir Arthur Smith) [1864-1944]

Keeper of the Geological Department from 1901 until his retirement in 1924. Large numbers of his manuscripts, including letters, note-books, Piltdown skull material and his own and Lady Woodward's autobiographical notes are preserved in the Museum (P).

WOODWARD (Samuel) [1790–1838]

A collection of papers, printed and in manuscript. Includes "An outline of Geology" and "On the Geology of Gt. Britain," both in manuscript. I vol. (P).

WOODWARD (Samuel Pickworth) [1821-1865]

A manuscript "Catalogue of Fossil Organic Remains in the Cabinet of Mrs. M. H. Smith, of Tunbridge Wells," 1845, with water-colour drawings by S. P. Woodward (who compiled the Catalogue), W. H. Bensted, and others, was presented in 1892 (P).

Some original drawings by Woodward are included in the Davidson collection of

drawings of Brachiopoda, which was presented in 1886 (P).

The original MS. and drawings for the plates of A Manual of the Mollusca, 1851–1856, and notes and original drawings of Molluscan radulae are preserved in the Museum (Z), also manuscript "Notes from Nature" made at Norwich, 1832–1834 (L).

Manuscripts of his Sketch of the Norwich Crag Deposit with a descriptive catalogue of its fossils, A Synoptical table of British Organic Remains, 1829 and Theoretical

view of Geological Changes 1835 are also preserved (P).

WOOLWARD (Florence Helen) Miss [1854-1936]

A collection of drawings of poplars and elms, also 16 water-colour drawings of West Indian and Madeira plants which were presented in 1933 (B).

WOOSNAM (R. B.) [1880-1915]

MS. notes on mammals and birds collected in S. Africa, 1903-1904, and mammals observed in Persia, 1905 (Z).

WRIGHT (Charles A.)

Ten note-books relating to birds collected at Malta 1860–1869, one note-book on birds of Spain, Greece and Turkey, 1873, and two small note-books containing records of plants collected in England 1884–89. There are also a quantity of manuscript notes on the shells of Malta (Z).

WRIGHT (C. W.) & (E. V.)

Typescript catalogue of the collection of Cretaceous Fossils presented to the Museum in 1939 (P).

WRIGHT (Joseph)

Four volumes of tracings of figures of Foraminifera (Z).

WRIGHT (Thomas) [1809-1884]

Manuscript material relating to the Wright Collection of fossil invertebrates purchased in instalments between 1887-1906 (P).

WUYTS (O. F.)

A collection of correspondence regarding asymbiotic culture of orchid seeds (B).

YALDEN (Thomas) [fl. 1750-1774]

Autograph descriptions of plants and animals, chiefly Scottish, 1773-1774 (B).

YATES (James) [1798–1871]

A collection of 25 water-colour botanical drawings by various artists, made for James Yates, mid 19th century (B),

YOUNG (William) [fl, 1753-1784]

302 water-colour drawings of Plants from North and South Carolina made in 1767 by W. Young, with manuscript title, index and dedication, form the Banksian MS. No. 24 (B). 11 401 4135 6

ZAHN (Martin)

Four original sketches, dated 1944-1956, made for W. Trolf's published works (B).

ZAPHIRO (Ph. C.)

MS, notebook on collection of fishes during the trip to Kaffa and Lake Rudolphe, 18th April 1905 (Z).

ZELLER (Philipp Christoph) [1808–1883]

Four volumes of correspondence between the two eminent entomologists, P. C. Zeller and H. T. Stainton, covering the period 1869-1883, and a large number of letters addressed to Zeller by numerous correspondents are preserved in the Museum, also a number of original drawings, diaries and manuscript notes (E).

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